

# Parts Manual

## Floor Type Gas Convection Steamer



### Series: Classic Gas Boiler Base Steamer

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1333 East 179<sup>th</sup> Street  
Cleveland, Ohio 44110

Phone: (216) 481-4900  
1-800-338-2204  
Fax: (216) 481-3782  
[www.clevelandrange.com](http://www.clevelandrange.com)

 Cleveland

LET.	REVISIONS	DATE	BY
A	SEE E.O. IC-2687	07-07-94	PJD
B	SEE E.O. IC-2519	05-11-94	PJD
C	SEE E.O. IC-2579 R1	07-22-94	PJD
D	SEE E.O. IC-2579 R2	07-22-94	PJD
E	SEE E.O. IC-2666	07-22-94	PJD

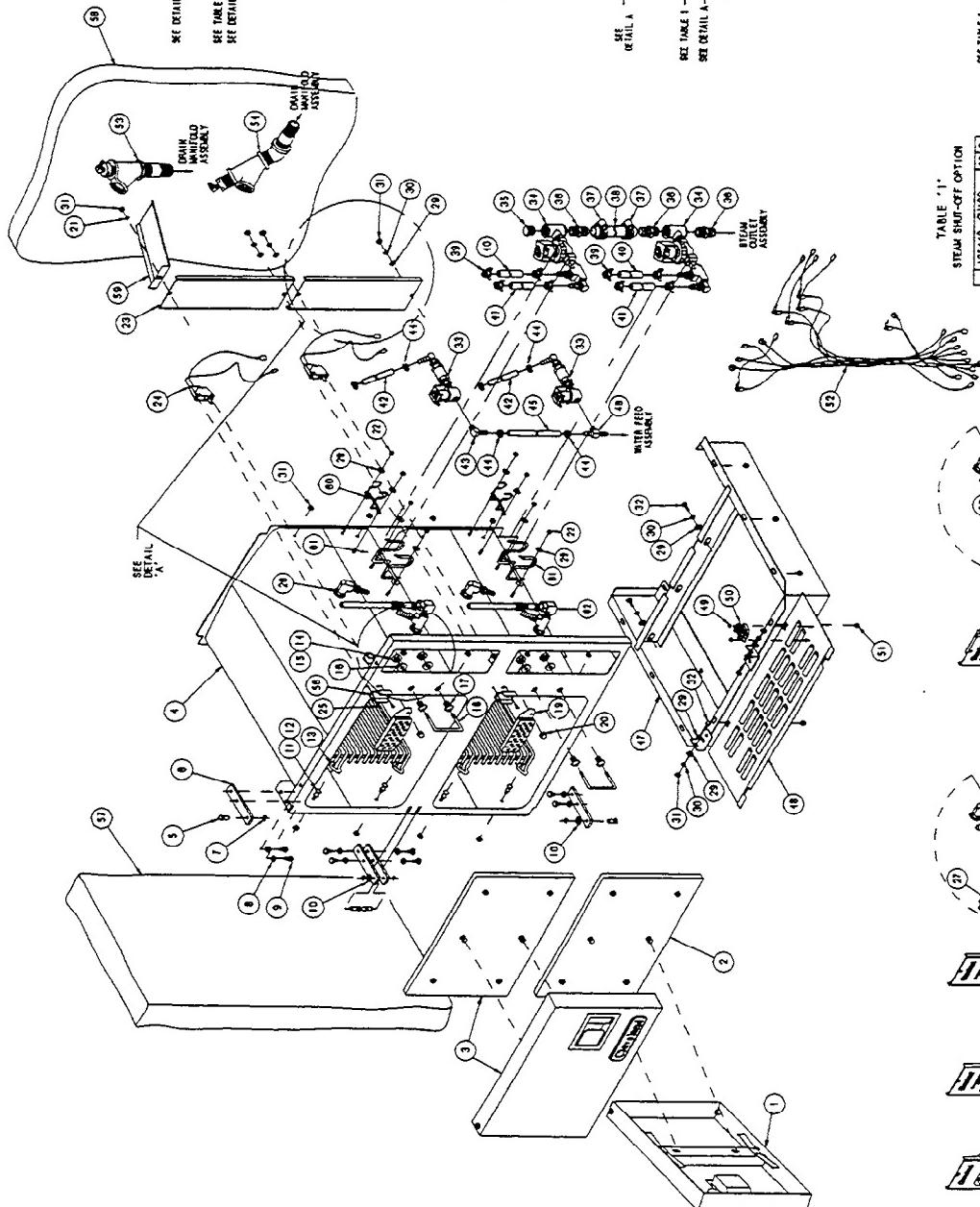


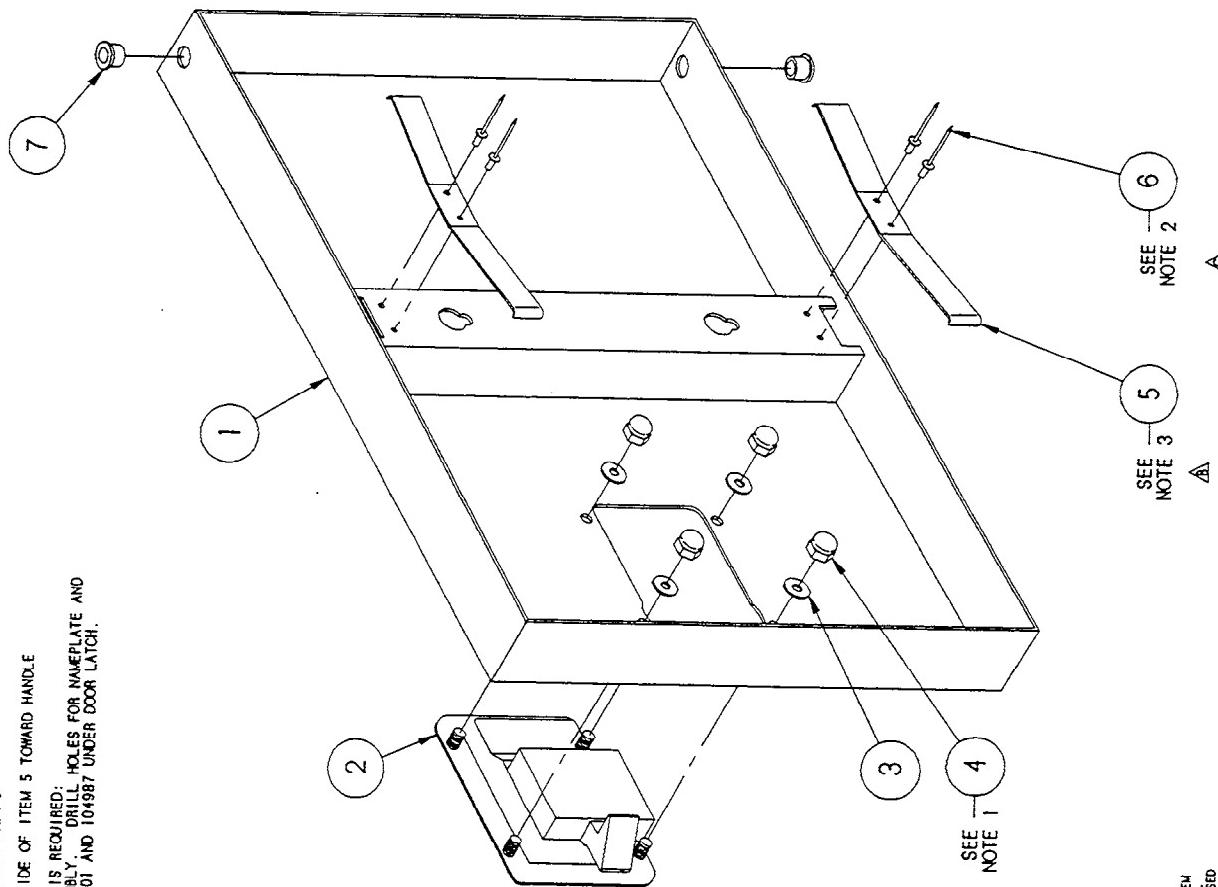
TABLE I  
SYSTEM SHUT-OFF OPTION

PRODUCTION		DETAIL A	
104929	104931	104932	THE MAIL SWITCH CLOSURE (MECHANICAL & ON-OFF) OFF-ON CONTROL WITH CONTROLLER
MECHANICAL CONTROL			104930 ELECTRONIC CONTROL
THIS DESIGN DESCRIBES A PROPRIETARY ITEM AND IS THE PROPERTY OF CLEVELAND RANGE. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF CLEVELAND RANGE.			TIMER OPTIONS - DETAIL A ITEM 59 (MOISTURE SHIELD) ELECTRONIC OPTION ONLY



LET.	REVISIONS	DATE	BY
B	NOTE 3 WAS UPDATED, WAS ITEM 6 CALLOUT PER E.O. MC-1968	01-01-91	D.U.P.
C	ITEM 2 REVISED, WAS ITEM 1 CALLOUT PER E.O. MC-1968	03-19-92	J.C.
D	PMS 05901 & 101987 ADDED PER E.O. IC-2441 R2	08-28-93	J.C.
E	PMS 05901 & 101987 REF. ONLY PER E.O. IC-2441 R3	08-05-93	J.C.
F	PMS 05901 & 101987 REMOVED PER E.O. IC-2441 R3	12-13-93	J.C.

CLEVELAND RANGE INC.						
133 East 15th St., Cleveland, Ohio 4410-2574						
TOLERANCES		SCALE	DRAWN BY	APPROVED BY	REV.	
INCHES OR MILLIMETERS		5/8"=1	DUIGHAM			F
DECIMAL						
ITEM	QTY.	PART NO.	DESCRIPTION			
7	2	103841	BUSHING, BRONZE			
6	4	10357	RIVET, 1/8 DIA. FLUSH BREAK, S/S			
5	2	102228	SPRING, DOOR			
4	1	14679	NUT, 110-24 ACORN, S/S			
3	4	101655	WASHERS, #10 FLAT, S/S			
2	1	103843	LATCH, DOOR - PADDLE TYPE			
1	1	103527	OUTER DOOR WELDMENT, H.L.			



NOTES : 1.) USE LOCTITE 222 - LOW STRENGTH (10110) ON ITEM

**A 2.) USE ATV (000933) ON ITEM 6**

**A** 3.1 ORIENT LONGER SIDE OF ITEM 5 TOWARD HANDLE

1) WHEN NAMEPLATE IS REQUIRED:  
ATTACH AT ASSEMBLY. DRILL HOLES FOR NAMEPLATE AND  
MOUNT P/N'S 105901 AND 104987 UNDER DOOR LATCH

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(5) SEE NOTE 3

A

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LET.	REVISIONS	DATE	BY
A	REVISED PER E.O. #C-1872 R6	2-28-91	P.J.D.
B	REVISED PER E.O. #C-1872 R7	5-13-91	P.J.D.
C	REVISED PER E.O. #C-1993	8-05-91	P.J.D.

SEE DETAIL A-A

DETAIL A-A

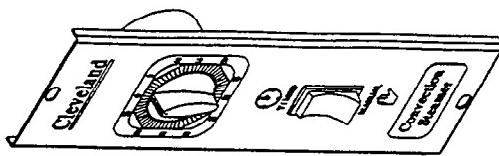
ITEM	QTY.	PART NO.	DESCRIPTION
8	A/R	00932	SEALANT, RTV
7	2	19923	PIN GUIDE, INNER DOOR
6	4	14665	NUT, HEX, LOCK, 1/4-20
5	1	100745	INNER DOOR WELDMENT
4	1	07138	DOOR GASKET
3	1	66214	INNER GASKET RETAINER
2	1	66595	GASKET RETAINER PLATE
1	4	104719	BOLT, CARRIAGE 1/4-20 X 1.000"

TOLERANCES (EXCEPT AS NOTED)			
DECIMAL	SCALE	DRAWN BY	APPROVED BY
† N/A	N/A	P. J. D.	O.S.
ANGULAR		TITLE	DOOR, INNER ASS'Y, SC. 3.1 CONV. (NEW STYLE MODEL C)
† N/A		DATE	DRAWING NO. CK 02-28-91 B- 104101 REV C

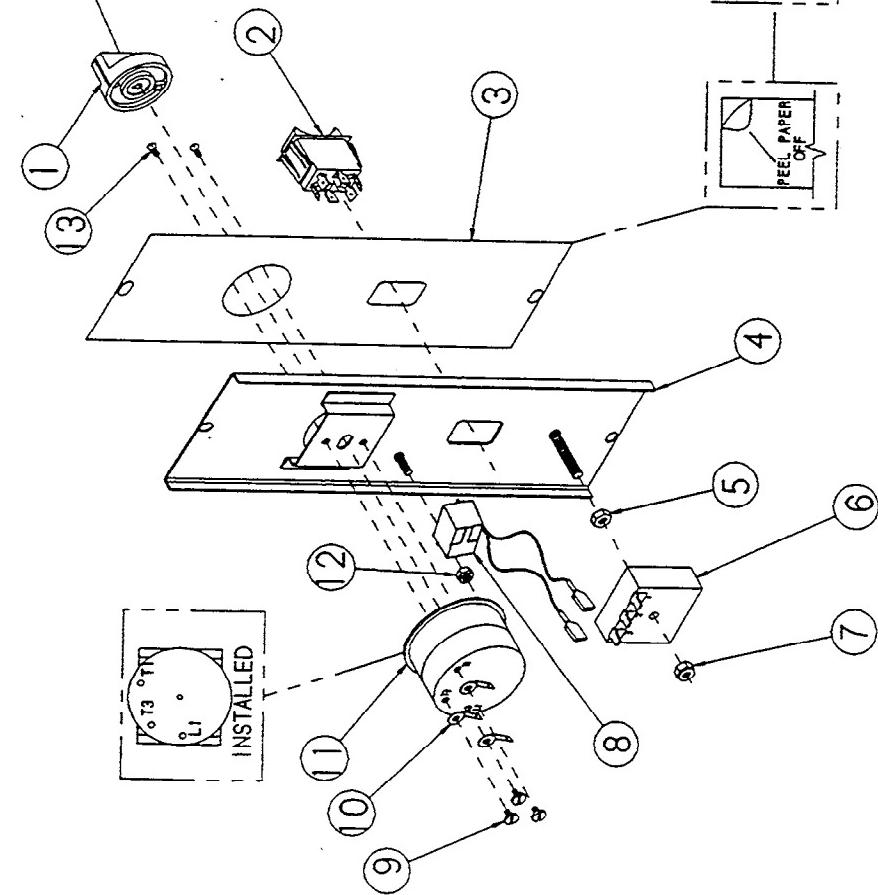
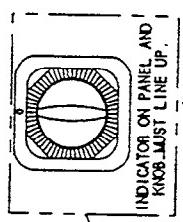
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CLEVELAND RANGE INC.  
1333 East 17th St. Cleveland, Ohio 44102-2574

LET	REVISIONS	DATE	BY
A	HOLDS ADDED TO LABEL P/N 105890 WAS 103720 EO #C-2182	04-06-92	PJD
B	105890 COLOR/ARTWORK CHANGE PER F.O. #C-2003 & C-2424	09-21-93	PJD



FRONT  
VIEW



13	2	10201	SCHM 5-40 X .250 PAN HD. BLTD. S/S NUT, 10-20 ELASTIC LOCK, STEEL PLTD
11	1	10372	TIMER, 6 MIN. MECHANICAL SWITCHING
10	3	204178	TERMINAL, 110 RING / .25 WIRE TAB
9	3	- - -	INCLUDED IN ITEM 10
8	1	10350	BUZZER ASSEMBLY WITH TERMINALS
7	1	101873	NUT, 1/4-20 ELASTIC LOCK
6	1	20417	TIMER, SOLID STATE, 3 SECOND DELAY
5	1	14616	NUT, HEX, 1/4-20 S/S
4	1	103950	PANEL, TIMER - CONV. MECHANICAL
3	1	103950	LABEL, PANEL - MECH. TIMER CONV.
2	1	10392	SWITCH, PODDER, COAPT, STASS
1	1	11307	KNOB, TIMER

AA

ITEM NO. 10201  
ITEM NO. 103720

ITEM NO. 103950

ITEM NO. 10392

ITEM NO. 11307

ITEM NO. 103950

ITEM NO. 10392

ITEM NO. 11307

ITEM NO. 103950

ITEM NO. 10392

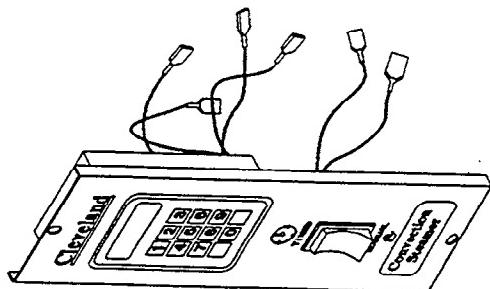
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DECIMAL SCALE	1/4	DRAWN BY	D. B.
INCHES	1/4	INCHES	INCHES
2	1	WA	WA
1	1	WA	WA

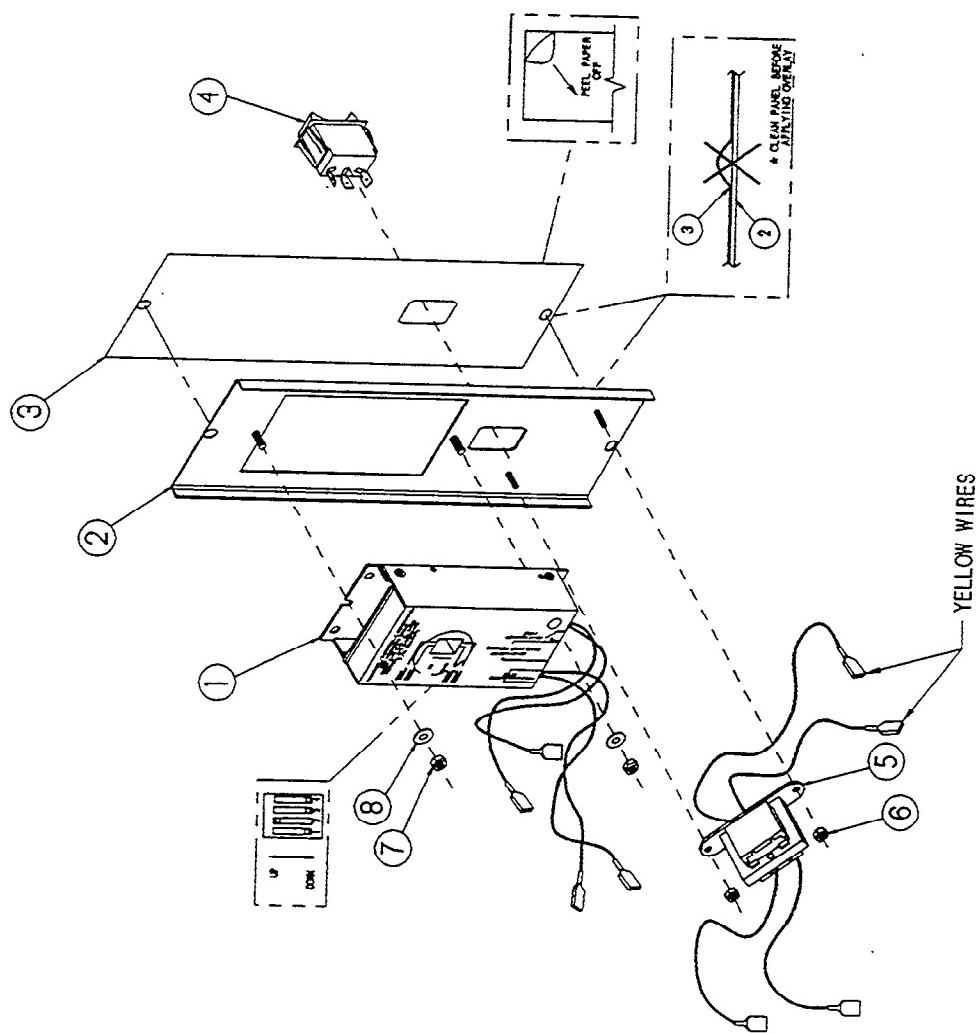
TITLE: TIMER ASSEMBLY - BACK MOUNTED CONVECTION STEAMER MECHANICAL

DATE: 09-18-91 C-101929 REV. B

LET	REV/ISSNCS	DATE BY
A	HOLES ADDED TO LABEL P/N 105689 WAS 10478 EO 4C-21B2	04-08-92 PJD
B	105689 COLOR/WIRING CHARGE PER E.O. AC-2503 & C-2124	09-21-93 PJD



FRONT  
VIEW



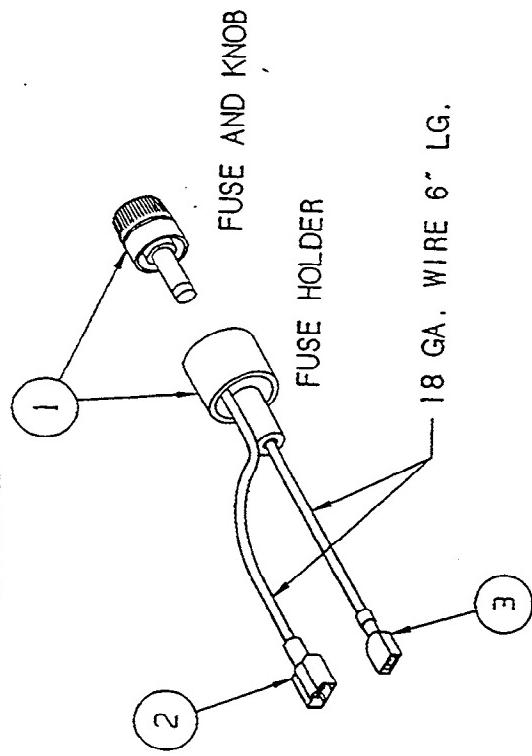
NO.	PART NO.	DESCRIPTION
6	2 10153	WASHER, FLAT #10 S/S
7	2 14492	NUT, HEX 10-24 PLASTIC LOCK
8	2 104223	NUT, HEX 6-32 PLASTIC LOCK
5	1 104900	TRANSFORMER, ASSEMBLY
4	1 101221	SWITCH, PODDER, SPOT MATT FINISH
3	1 105689	LABEL, CONT. PANEL, HCC - CONV.
2	1 104701	PANEL, WELDMENT ELECTRONIC
1	1 104988	TIMER, ASSEMBLY - HCC
		NO. CITY, PART NO. DESCRIPTION

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NO.	DATE	DRAWING NO.	REV.
OK	09-17-91	C-104930	B

U.L. AND C.S.A.  
APPROVED



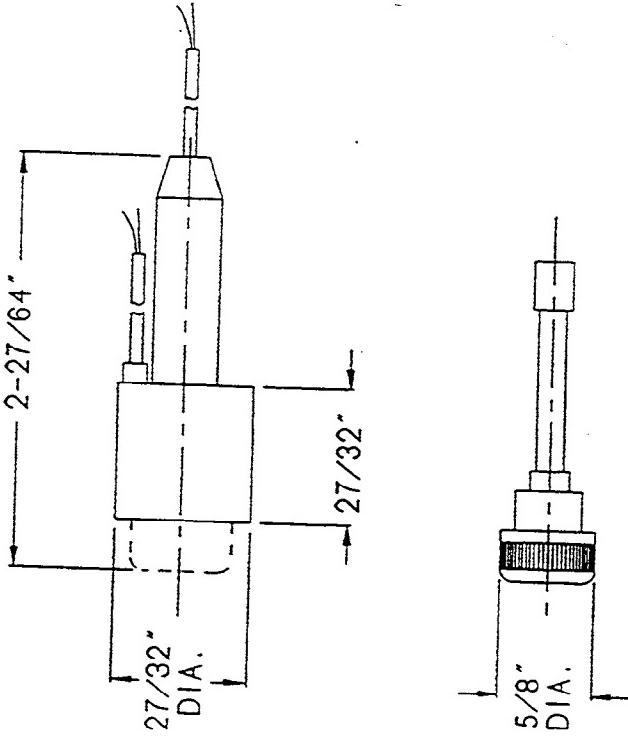
18 GA. WIRE 6" LG.

LET.	REVISIONS	DATE.	BY
A	PICTORIAL CHANGE PER E.O. 1291 R1	05-06-94	PJD

ITEM	QTY.	PART NO.	DESCRIPTION
3	1	20351	TERMINAL, SLIP ON FEMALE
2	1	20370	TERMINAL, SLIP ON, MALE
1	1	106881	FUSE AND HOLDER ASSEMBLY
TOLERANCES (EXCEPT AS NOTED)			CLEVELAND RANGE INC.
DECIMAL $\pm .030$	SCALE 2=1	DRAWN BY DUTCHMAN	1333 East 179th St. Cleveland, Ohio 44110-2574 APPROVED BY
ANGULAR $\pm 1^\circ$	TITLE	FUSE AND HOLDER WIRE ASSY. NCC TIMER RETROFIT	
CK	DATE 05-06-94	DRAWING NO. A - 106870	REV. A

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LET.	REVISIONS	DATE	BY

2-27/64" ——————  


BUSSMAN HLR 2 AMP  
 NON-DELAY FUSE

GUIDE #1ZLT2 U.L.  
 FILE #B14853 U.L.

CLASS #6225-01 C.S.A.  
 FILE #47235 C.S.A.

BUSSMAN GLR 2 AMP  
 NON-DELAY FUSE

GUIDE #JDYX U.L.  
 FILE #E19180 U.L.

CLASS #1422-01 C.S.A.  
 FILE #53787 C.S.A.

ITEM	QTY.	PART NO.	DESCRIPTION
TOLERANCES (EXCEPT AS NOTED)		CLEVELAND RANGE INC.	
		1333 East 179th St. Cleveland, Ohio 44110-2574	
DECIMAL	SCALE	DRAWN BY	APPROVED BY
$\pm .030$	2=1	DUTCHMAN	-
ANGULAR	TITLE	FUSE AND HOLDER ASSY. NCC TIMER RETROFIT	
$\pm 1^\circ$			
CK	DATE 05-06-94	DRAWING NO. A - 106881	REV. -

APPROVED SOURCE:  
 CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.  
 7444 TYLER BLVD., MENTOR, OHIO 44060  
 PHONE (216) 946-8850

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LET.	REVISIONS	DATE	BY
A	HOLDS ADDED TO LABEL P/N 04706792 PJD 105692 WAS 103119. ED C-2182.	04/06/92 PJD	
B	UPDATED PICTORIALLY PER E.O. PC-2429 & IC-2195 & IC-2503	09/13/93 NLT	

ITEM QTY. PART NO. DESCRIPTION

7	1	11307	KNOB, TIMER
6	2	19201	SCREW, 5-40 X .250, PAN HD
5	1	102394	TIMER, 60 MIN., INDICATING
4	2	102533	BLOCK, CONTACT
3	1	102534	SWITCH, SELECTOR
2	1	105692	LABEL, CONTROL PANEL, ON/OFF
1	1	104981	PANEL WELDMENT, ON/OFF CONTROL

ITEM QTY. PART NO. DESCRIPTION

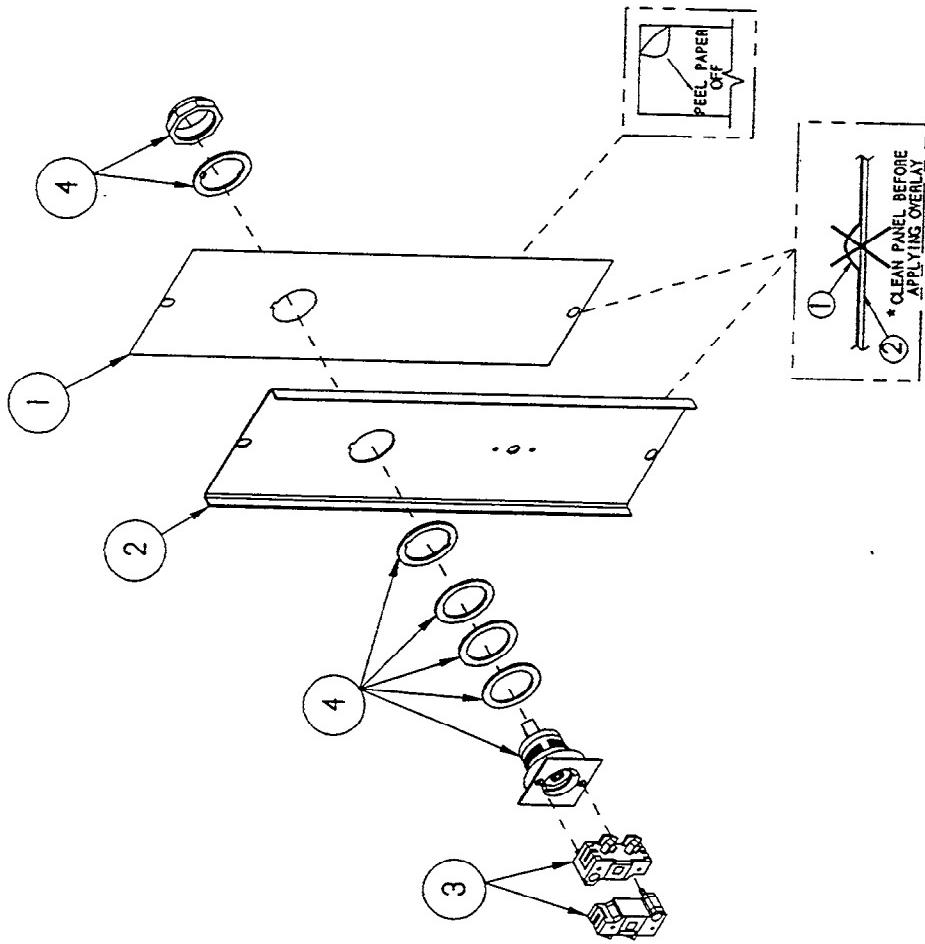
TOLERANCES (EXCEPT AS NOTED)			
1333 East 179th St. Cleveland, Ohio 44110-2574			
DECIMAL	SCALE	DRAWN BY	APPROVED BY
± N/A	3/8 = 1	DUTCHMAN	BEDFORD
ANGULAR	TITLE TIMER ASSEMBLY		
± N/A	ON/OFF CONTROL W/ INDICATING TIMER		

CK DATE 09-19-91 DRAWING NO. B - 104931 REV. B

CLEVELAND RANGE INC.  
1333 East 179th St. Cleveland, Ohio 44110-2574

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REV	REVISIONS	DATE	BY
A	HOLDS ADDED TO LABEL P/N 105691 WAS 103718 EO-C-2182	04-06-92	PJD
B	105691 COLOR/INKWORK CHANGE & 105691 HOLE PLACEMENT REVISED PER E.O. AC-2303 & C-2424	09-21-93	PJD



REF	ITEM	DESCRIPTION
4	102534	SWITCH, SELECTOR
3	2 102333	BLOCK, CONTACT
2	1 105691	PANEL, CONV., OV/OFF
1	1 105691	LABEL, PANEL, OV/OFF
D. 101	Part	

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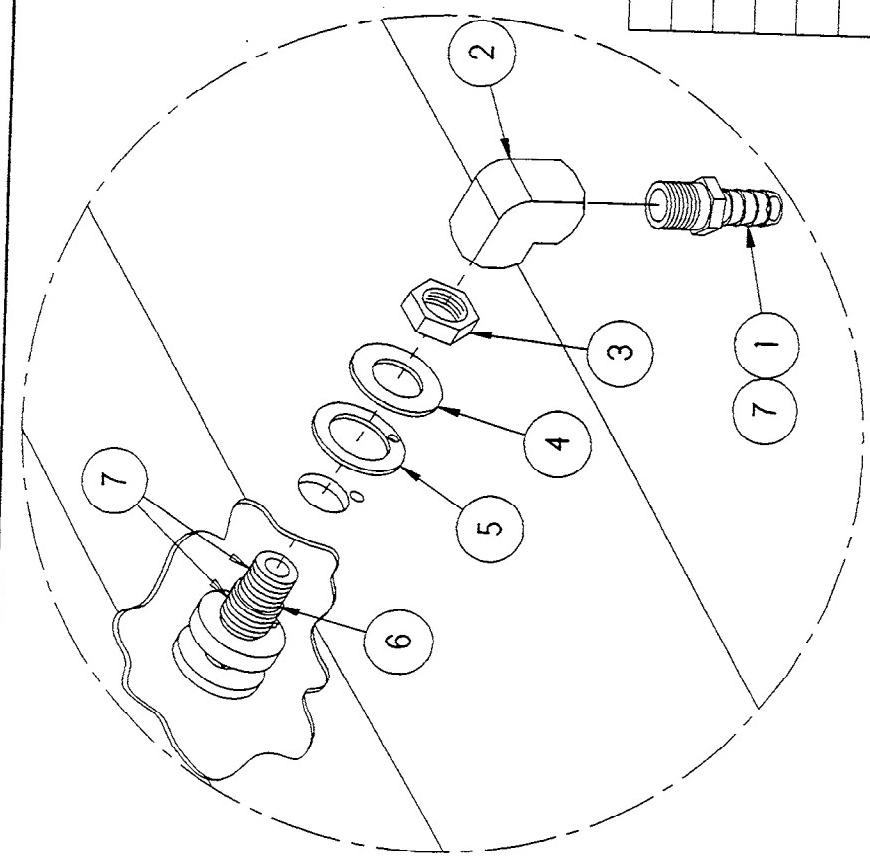
TOLENS INC.	CLEVELAND RANGE INC.
1920 East 178th St., Cleveland, Ohio 44110-3114	
RECTANGULAR	RECTANGULAR
1/2"	1/2"
3 N/A	DRAWN BY DUTCHMAN APPROVED BY O.S.
3 N/A	TITLE
3 N/A	TIMER ASSEMBLY - BACK MOUNTED CONVECTION STEAMER, OV/OFF
OK	DATE DRAWING NO. C-104932
09-19-91	REV. 6

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LET.	REVISIONS	DATE	BY
A	SEE E.O. #C-2689	09-15-94	PJD

## NOTES:

- 1.) ITEM 2 (P/N 05236) AND ITEM 1 (P/N 105277)  
TO BE ROTATED TO AN ANGLE THAT WILL MATCH  
THE OTHER SPRAY NOZZLES OR MEET A MATING  
HOSE FITTING.



## TYPICAL APPLICATION

ITEM	QTY.	PART NO.	DESCRIPTION
7	A/R	00934	SEALANT, RECTORSEAL
6	1	104009	FITTING, ASSY, STEAM SUPPLY
5	1	104082	GASKET, STEAM INJECTOR
4	1	104232	WASHER, FLAT S/S
3	1	104081	NUT, JAM 5/8-18, BRASS
2	1	05236	ELBOW, 1/4" X 90°, BRASS
1	1	105277	FITTING, HOSE 3/8 H X 1/4 MPT

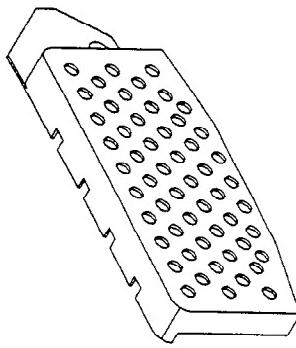
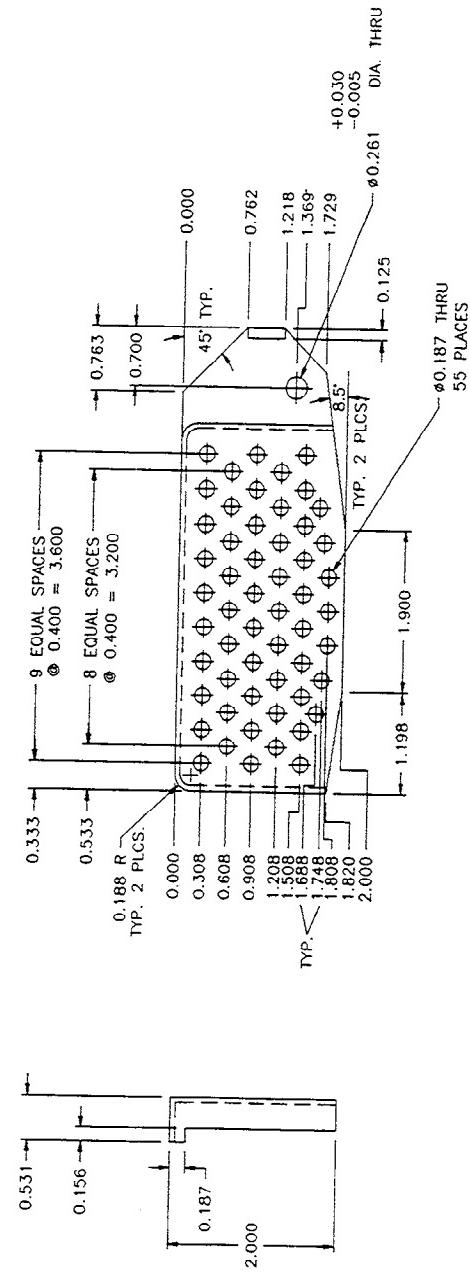
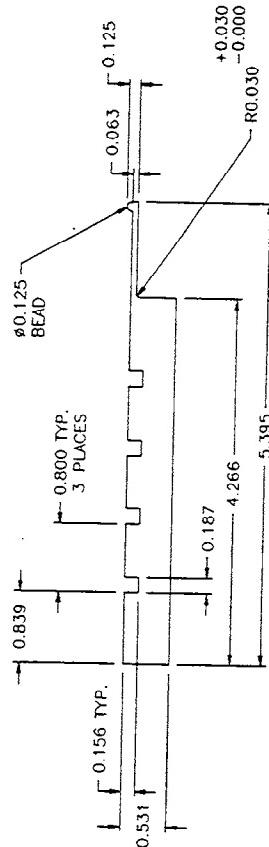
TOLERANCES  
(EXCEPT AS NOTED)  
CLEVELAND RANGE INC.  
1333 East 179th St. Cleveland, Ohio 44110-2574

DECIMAL	SCALE	DRAWN BY	APPROVED BY
± .030	1/2"	DUTCHMAN	THOMPSON
ANGULAR ± 1°	TITLE SPRAY NOZZLE ASSY, (3/8" HOSE) CONVECTION AND CONVECTION PRO, STEAMCRAFT POWER 10 AND D.C. 10		
CK	12-14-92	DRAWING NO.	REV. A

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NOTE: TOLERANCES ARE NON-ACCUMULATIVE

REV.	REVISIONS	DATE
C	REDRD/REBWN DRLRD NEW ED AC-1889	07/08/91
D	REDRD/REBWN 187 DM HOLES REPLACD	04/30/91
-	BY GROUND SLOTS ED-1893	-
E	CHANGED BACK TO 187 DM HOLES & MATERIAL	09/24/93
-	CHANGED TO TALC FILLED POLYPROPYLENE	-
-	PER ED-2399 R2	-
F	APPROVED SOURCE PER ED AC-2853	07/31/95



MATERIAL: TALC FILLED POLYPROPYLENE  
NOMINAL THICKNESS: 0.062 IN.  
COLOR: NATURAL

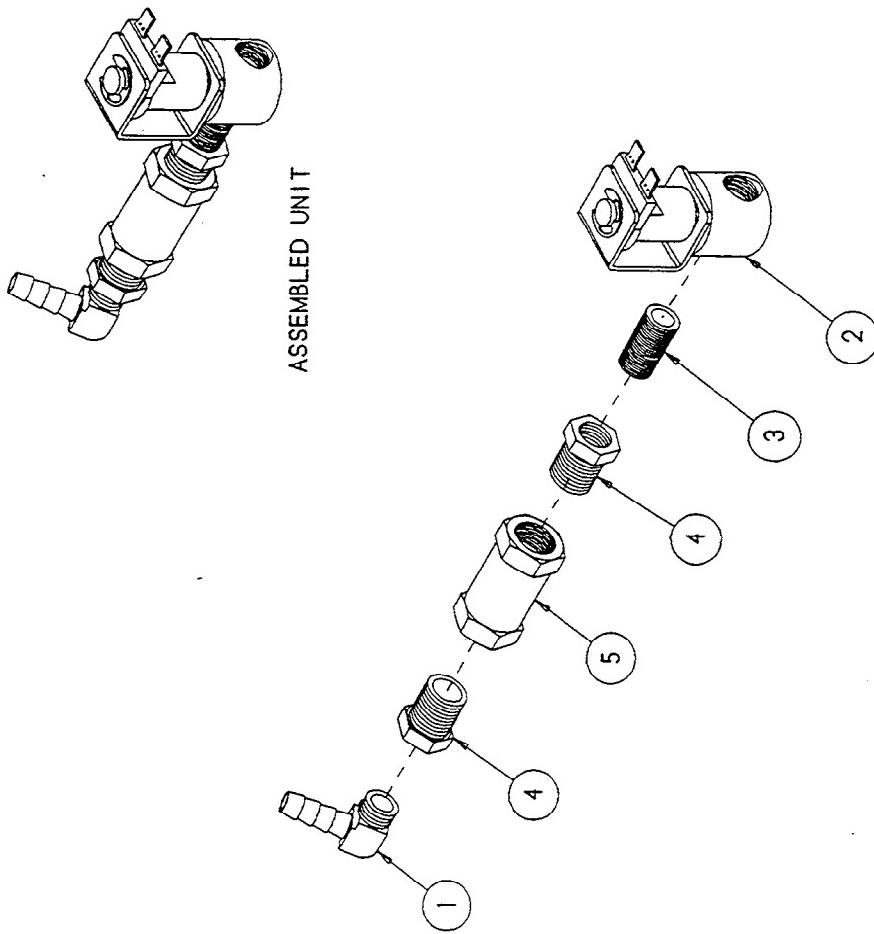
ITEM	QTY	ART. NO.	DESCRIPTION
<b>CLEVELAND RANGE INC.</b>			
INSTRUMENTS			
READY & WHEN			
1333 East 19th St. Cleveland, Ohio 44110-254			
NOM. ± .030	SCALE 1=1	DRAWN BY NLT	PRINTED BY
MATERIAL ± 1"	MM	SCREEN, DRAIN CO	ENT,
AC 1/16/95/RP	MM	MOLDED PUA	REV.

APPROVED SOURCE:

- 1.) ROYAL PLASTIC  
MATERIAL SUPPLIER: FERRO CORP.  
FORMULATION ID: APP-010GR17NA  
NSF DCC FDO-593-001



LET.	REVISIONS	DATE	BY
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PRODUCTION

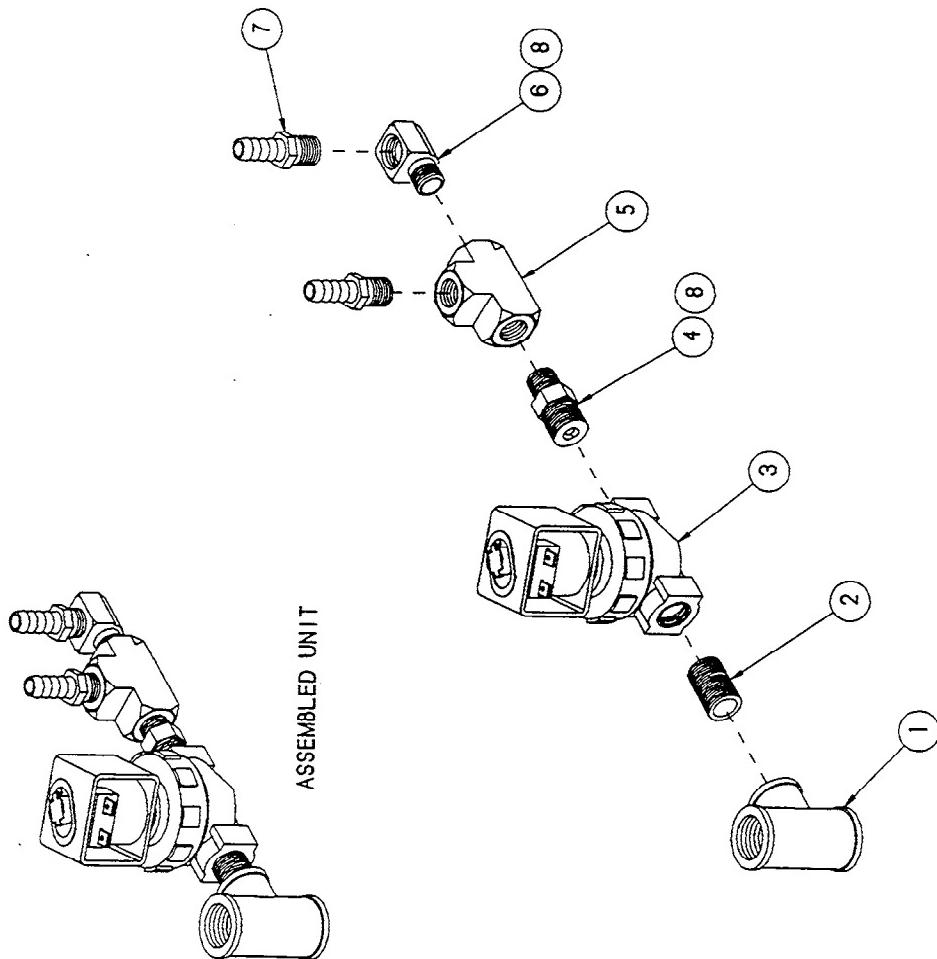
ITEM	QTY.	PART NO.	DESCRIPTION
5	1	15455	FLOW CONTROLLER, COND REGULATION, 3/8"
4	2	02594	BUSHING, HEX, 3/8 X 1/4, BRASS
3	1	14304	NIPPLE, 1/4 X CLOSE, YELLOW BRASS
2	1	22218	VALVE, SOLENOID
1	1	105786	FITTING, NOSERAB, 1/4PT X 1/4H, 90°

TOLERANCES (except as noted)	CLEVELAND RANGE INC. 1333 East 179th St., Cleveland, Ohio 44110-2574		
DECIMAL	SCALE 5/8"	DRAWN BY Dutchman	APPROVED BY
± .030			
ANGULAR	TITLE WATER VALVE ASSEMBLY CONVENTION		
± 1°			
OK	DATE 02-23-94	DRAWING NO. B - 106831	REV. -

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LET	REVISIONS	DATE	BY
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PRODUCTION



ITEM	QTY.	PART NO.	DESCRIPTION
8	A/R	00934	SEALANT, RECTORSEAL
7	2	105277	FITTING, HOSE BARB 3/8 H X 1/4 NPT
6	1	05235	ELBOW, STREET 1/4" X 90°, BRASS
5	1	20199	TEE, 1/4" BRASS
4	1	103699	FITTING, FLOW RESTRICTOR 3/8 X 1/4
3	1	22224	VALVE, STEAM SOLENOID -80 PSI
2	1	14127	NIPPLE, 3/8 X CLOSE, BRASS
		100676	TEE, 1/2 X 3/8 X 1/2, BRASS

TOLERANCES (except as noted)	CLEVELAND RANGE / INC.		
	1333 East 179th St., Cleveland, Ohio 44110-2574		
DECIMAL	SCALE	DRAWN BY	APPROVED BY
± N/A	1/2"	Du chman	
ANGULAR	TITLE	STEAM, INLET ASSEMBLY	CONVECTION
± N/A	DATE	02-23-94	REV.
CK		B - 106830	-

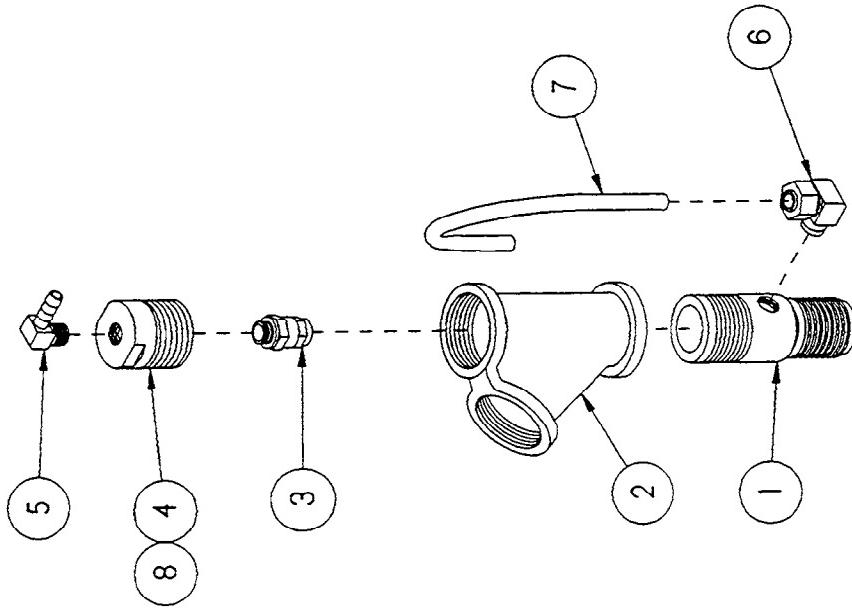
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LET.	REVISIONS	DATE	BY
A	P/N 105787 WAS 06192 PER E.O. 4C-2579	02-25-94	PJD

8	A/R	101051	NEVER-SEEZ
7	1	70732	TUBE, COPPER, DRAIN VENT
6	1	06233	FITTING, COMP. 3/8 TX 1/8 90°
5	1	105787	FITTING 1/4 H X 1/8 MPT 90°
4	1	06230	FITTING, COMPARTMENT DRAIN
3	1	14555	NOZZLE, SPRAY, 1/8 FULL JET
2	1	02139	BEND, "Y" BLACK
1	1	565191	FITTING, HOSE F' W/ 1/8" HOLE
ITEM	QTY.	PART NO.	DESCRIPTION

A

ASSEMBLED UNIT



TOLERANCES (EXCEPT AS NOTED)	CLEVELAND RANGE INC. 1333 Euclid 179th St. Cleveland, Ohio 44110-2574	APPROVED BY
DECIMAL	SCALE	DRAWN BY PJD
± N/A	1/2" = 1"	
ANGULAR	TITLE	DRAIN ASSEMBLY CONVECTION UPPER COMPARTMENT
± N/A	DATE	DRAWING NO. 11-01-93 B - 106473 REV. A

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LET.	REVISIONS	DATE	BY
A	P/N 105787 WAS 06192 PER E.O. C-2579	02-25-94	PJD
9	A/R 101051	NEVER-SEEZ	
8	1 70732	FITTING, HOSE 3/8 H X 1/8 MPT, 90°	
7	1 06233	FITTING, COMP. 3/8 T X 1/8 90°	
6	1 105787	FITTING 1/4 H X 1/8 MPT 90°	
5	1 06230	FITTING, COMPARTMENT DRAIN	
4	1 14555	NOZZLE, SPRAY, 1/8" FULL JET	
3	1 02139	BEND, "Y" BLACK	
2	1 05227	ELBOW, STREET 1" X 45° BLACK	
1	1 565191	FITTING, HOSE 1" W/ 1/8" HOLE	
ITEM	QTY.	PART NO.	DESCRIPTION

A

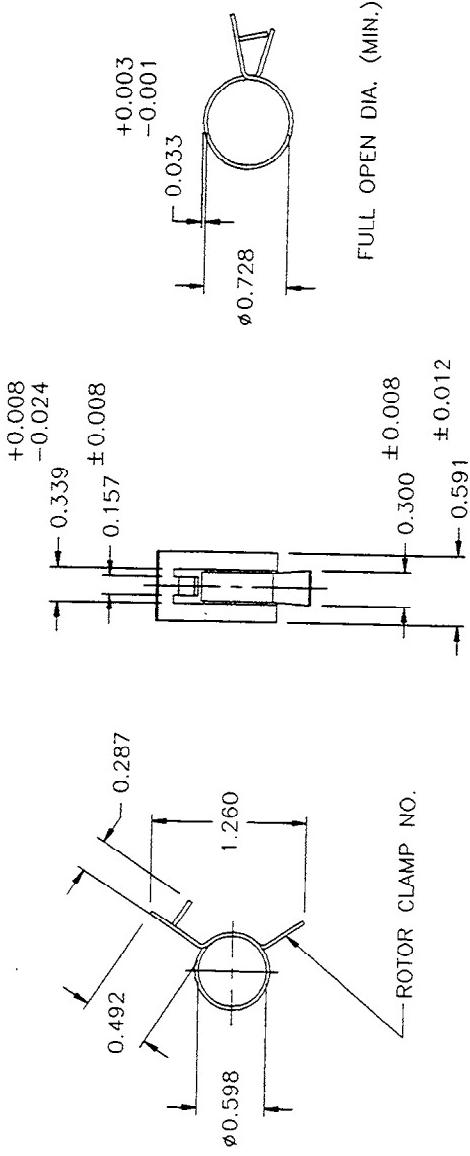
ASSEMBLED UNIT

TOLERANCES <small>(except as noted)</small>			
DECIMAL ± N/A	SCALE 1/2" = 1"	DRAWN BY PJD	APPROVED BY
ANGULAR ± N/A	TITLE DRAIN ASSEMBLY, CONVECTION LOWER COMPARTMENT		
CK	DATE 11-01-93	DRAWING NO. B - 1064731	REV. A

**CLEVELAND RANGE INC.**  
1333 East 179th St., Cleveland, Ohio 44110-2574

THIS DESIGN DESCRIBES A PROPRIETARY ITEM  
AND IS THE PROPERTY OF CLEVELAND RANGE.  
THIS DRAWING IS NOT TO BE COPIED OR USED  
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LET.	REVISIONS	DATE	BY
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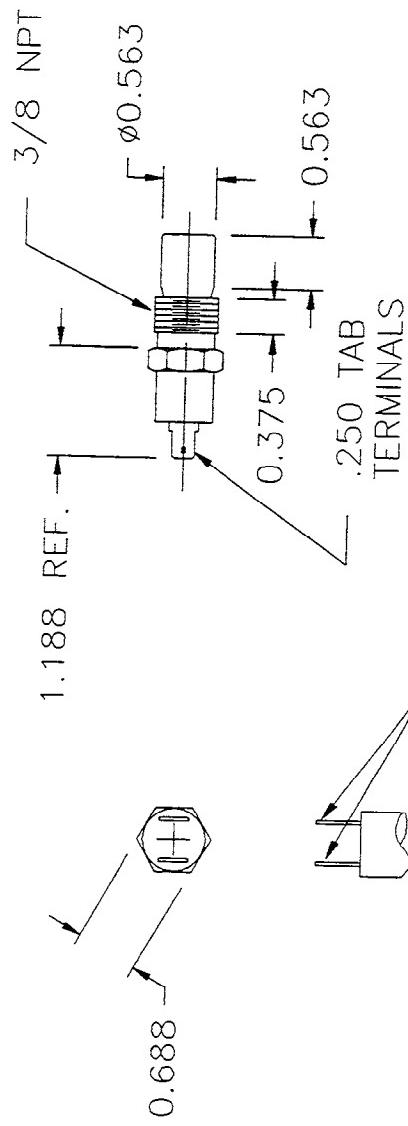


APPROVED SOURCE :  
ALEXANDER SALES  
ROTOR CLIP P/N = #CTB-17 ST DB

SPECIFICATIONS :  
MATERIAL = CHROME VANADIUM STEEL SAE 6150  
(DIN 17222, JIS G 4802)  
FINISH = DORRIFLAKE BLACK  
COLOR = BLACK

ITEM	QTY	PART NO.	DESCRIPTION
TOLERANCES (EXCEPT AS NOTED)			CLEVELAND RANGE INC. 1333 East 17th St. Cleveland, Ohio 44110-2574
DECIMAL	SCALE 1=1	DRAWN BY PJD	APPROVED BY
± .030	TRUE	CLAMP, HOSE (5/8" O.D. HOSE) METAL TENSION BAND	
ANGULAR	± 1°		
	DATE 1-17-81	DRAWING NO. 4802-A	REV A

LET.	REVISIONS	DATE	BY
A	ADDED APPROVED SOURCE NO. 2	1-03-78	JK
B	1) WAS MODEL NO. 5022-2-181 2) ADDED TO APPROVED SOURCE NO.1	5-06-81	FGF
C	WAS MODEL NO. 08-810211-045 REVISED PER ECN #1017	1-16-85	JM
D	REF: FENWAL INC. ADD: C.S.A. FILE NO. PER ECO #1202	9-30-87	DJP
-	REDRAWN (ACAD), NO CHANGE	10-21-93	CCAD



APPROVED SOURCE

1. PROTECTIVE CONTROLS INC.  
MODEL NO. 5100-002-181  
U.L. FILE NO. E 36687  
C.S.A. FILE NO. LR 25561
2. FENWAL INCORPORATED  
MODEL NO. 08-809004-001  
U.L. FILE NO. E 18974C  
C.S.A. FILE NO. LR7378-111

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SPECIFICATIONS:

CLOSE ON RISE~193±5°F  
OPEN~173±7°F  
UL APPROVED

ITEM	QTY	PART NO.	DESCRIPTION
TOLERANCES (EXCEPT AS NOTED)			<b>CLEVELAND RANGE INC.</b>
DECIMAL ±	1=2	DRAWN BY TKB	1333 East 179th St. Cleveland, Ohio 44110-2574

ANGULAR  
±1°

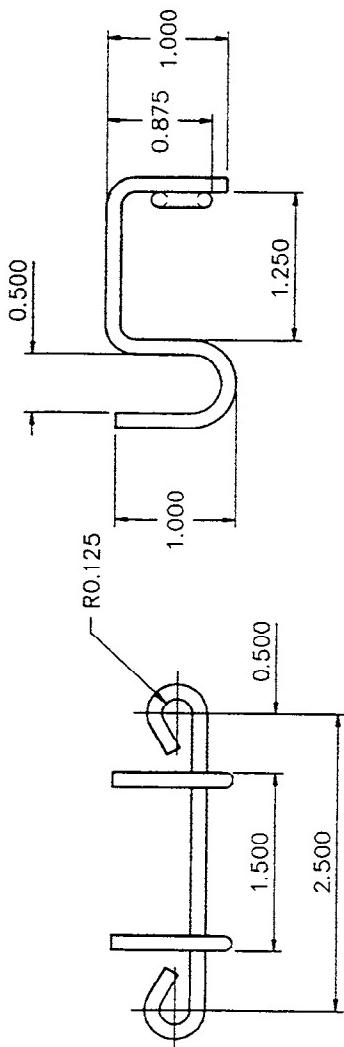
APPROVED BY  
TITLE

THERMAL SWITCH

ITEM	DATE	DRAWING NO.
AC	5-29-74	A- 19972

REV  
D

REF.	REVISIONS	DATE	BY
A	REDESIGNED PER ED C-257R1.	7-18-94	EJK

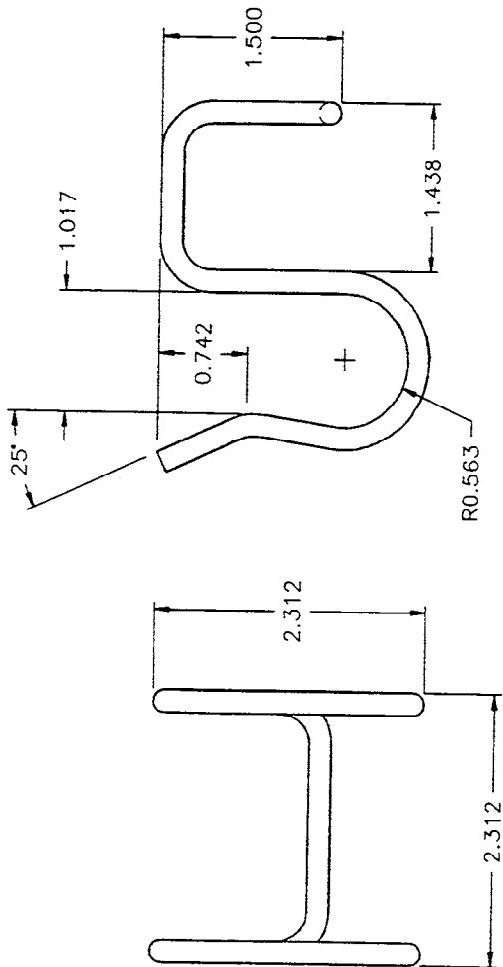


MATERIAL: 304 STAINLESS STEEL WIRE  
11 GAGE (.120)

ITEM	QTY	PART NO.	DESCRIPTION
<b>CLEVELAND RANGE INC.</b>			
1333 East 179th St. Cleveland, Ohio 44110-2574			
DECIMAL	SCALE 1=1	DRAWN BY EJK	APPROVED BY
ABSOLUTE	SCALE ±125	TITLE	BRACKET, WIRE CONDENSER SOL.
±1'			
AC	DATE 10-20-92	DRAWING NO. B-106159	REV A

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NOTES:  
1. ALL BEND RADII ARE .25 UNLESS OTHERWISE SPECIFIED.



LET.	REVISIONS	DATE	BY
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MATERIAL:  
WIRES, STAINLESS STEEL, 304  
3/16 DIA WIRE

ITEM	QTY	PART NO.	DESCRIPTION
<b>CLEVELAND RANGE INC.</b>			
			1333 Fort 178th St. Cleveland, Ohio 44110-2574
DECIMAL $\pm 0.30$	SCALE 1=1	DRAWN BY JPB	APPROVED BY

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THIS DRAWING IS A COPY OR USED WITHOUT THE APPROVAL OF CLEVELAND RANGE.

REV: \_\_\_\_\_

ITEM	QTY	PART NO.	DESCRIPTION
<b>CLEVELAND RANGE INC.</b>			
DECIMAL $\pm 1^\circ$	ANGLE	BRACKET, WIRE, VALVE SUPPORT	
AC	DATE 1/10/94	DRAWING NO. B-106752	REV: _____

ITEM	REVISIONS	DATE BY
A	SEE E.O. 46-2765	12-18-94 P.D.

13 - SEE NOTE 2

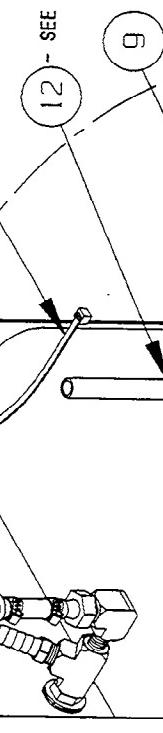


SEE NOTE 4

REF. - 14

11 - SEE NOTE 3

REF. - 1

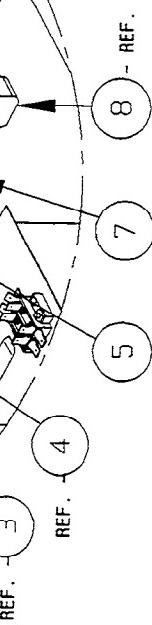


12 - SEE NOTE 2

- NOTES:
1. BREATHER ASSY. (1107059) TO REPLACE ONE SPRAY NOZZLE ASSY. (108230) ONE PLACE PER CAVITY ON ALL CONVECTION, POWER 10 AND DIRECT CONNECT 10 UNITS.
  2. 1/8" HOSE IS TO BE SECURED WITH NYLON CABLE TO THE HOSE OF THE SPRAY NOZZLE ASSY. DIRECTLY ABOVE THE NEW ASSY.
  3. CHECK VALVE - SIDE WHICH READS "VAC" MUST FACE DOWN TOWARD HOSE BARB
  4. ITEM 5 (P/N 20199) AND ITEM 14 (P/N 105277) TO BE ROTATED TO AN ANGLE THAT WILL MATCH THE OTHER SPRAY NOZZLES OR MEET A MATING HOSE FITTING
  5. SEE INSTRUCTIONAL DRAWING 280ALCI-260ALC3 FOR INSTALLATION OF THIS ASSEMBLY INTO THE CONVENTION, POWER 10 AND DIRECT CONNECT STEAMER UNITS.

REF.	ITEM	DESCRIPTION
14	-	05277 FITTING, 3/8 HOSE X 1/4 MPT
13	1	20451 TIE, NYLON CABLE
12	1	1043790500 HOSE, SILICONE 1/4 ID X 1/2 OD X 5
11	1	107032 CHECK VALVE, PLASTIC DIAPHRAGM
10	1	1043790300 HOSE, SILICONE 1/4 ID X 1/2 OD X 3
9	3	14883 CLAMP, HOSE, NYLON
8	-	05236 ELBOW, 1/4 X 90°, BRASS
7	1	14411 NIPPLE, 1/4 X 1.5", BRASS
6	1	104981 FITTING, 1/4 HOSE X 1/4 MPT
5	1	20199 TEE, 1/4 BRASS
4	-	104081 NUT, HEX JAM 5/8-18 BRASS
3	-	104232 WASHER, FLAT S/S
2	-	104082 GASKET, STEAM INJECTOR
1	-	104009 FITTING ASSY., STEAM SUPPLY

SEE NOTE 4



REF. - 8

8 - REF.

REF. - 7

7 - REF.

REF. - 6

6 - REF.

REF. - 5

5 - REF.

REF. - 4

4 - REF.

REF. - 3

3 - REF.

REF. - 2

2 - REF.

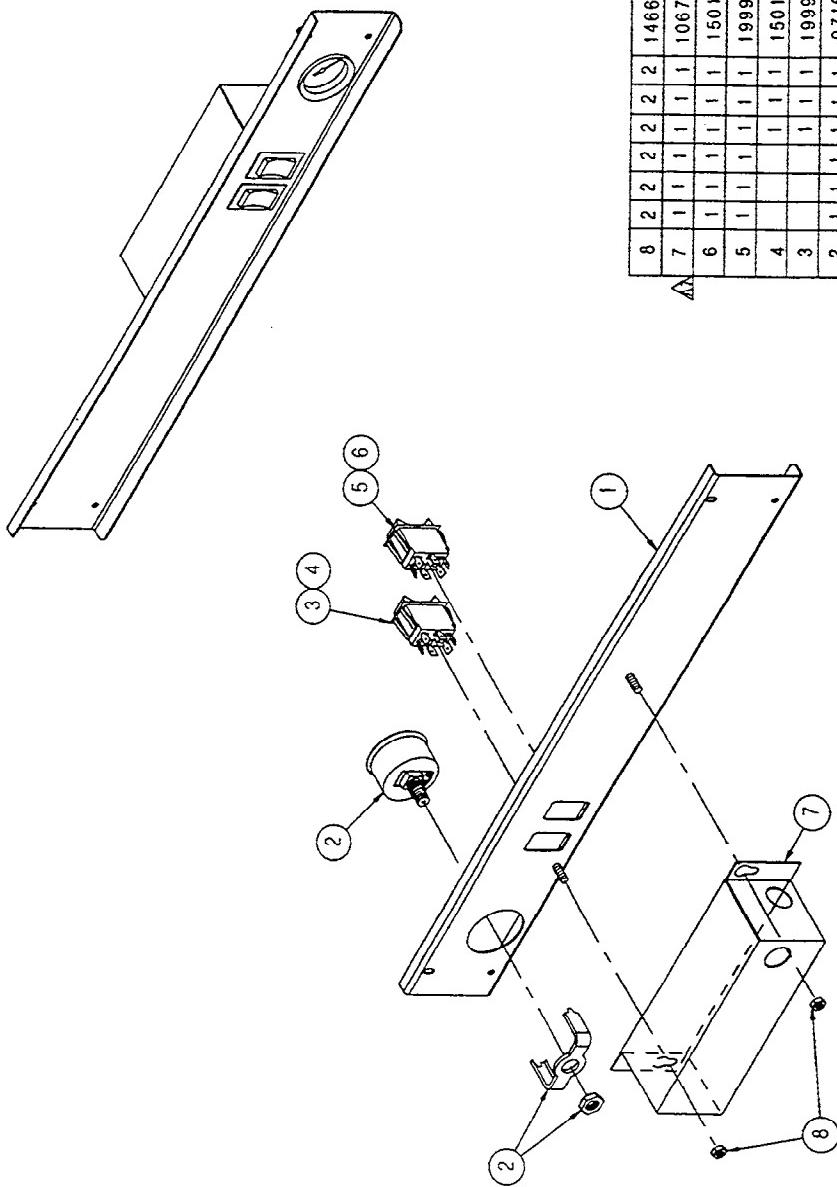
REF. - 1

1 - REF.

TOLERANCES except as noted	CLEVELAND RANGE INC. 1333 East 179th St. Cleveland, Ohio 44110-2674		
DECIMAL	SCALE	APPROVED BY	
± N/A	3/16"	DUTCHMAN	
ANGULAR	TITLE	BREATHER/SPRAY NOZZLE ASSY. (3/8" HOSE) CONVECTION, POWER 10 AND D.C. 10	
± N/A	DATE	09-15-94	DRAWING NO. C - 107059 REV. A

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LET	REVISIONS	DATE	BY
A	DELETED PIN 2316. PIN'S REVISED:	05-19-94	E&G
-	1) 105133 WAS. 104154. 2) 105134 WAS.		
-	104154. 3) 105135 WAS. 104154.		
-	4) 105133 WAS. 104154. 5) 105131 WAS.		
-	104151. 6) 105131 WAS. 104152.		
-	7) PIN 106140 WAS. 105516. E.O. C-2443		

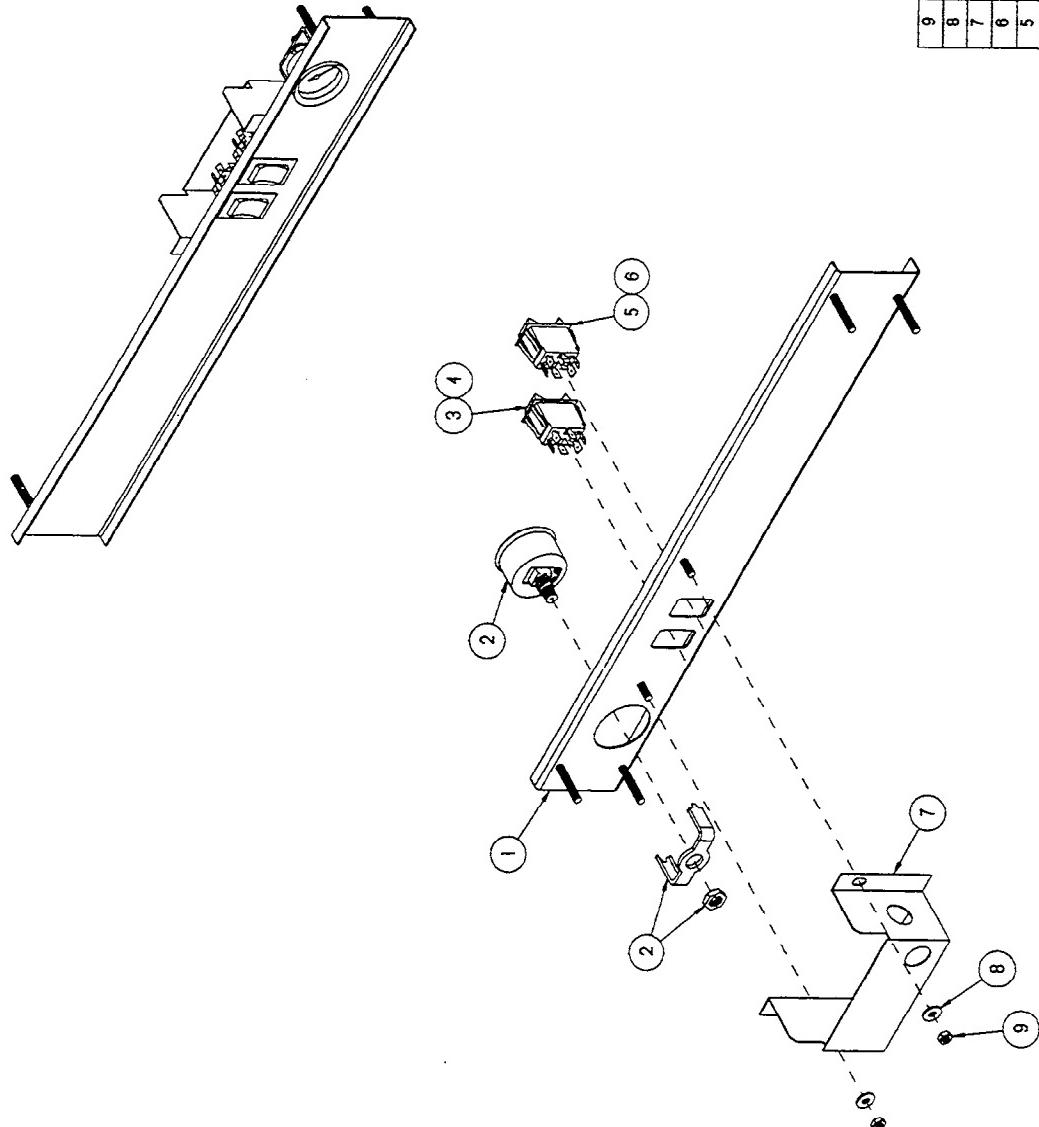


8	2	2	2	2	2	14665	NUT, HEX LOCK ELASTIC. 1/4-20. S/S
A	7	1	1	1	1	106740	BOX, SWITCH PROTECTION
6	1	1	1	1	1	15018	LABEL, POWER CONSOLE SWITCH
5	1	1	1	1	1	19993	SWITCH, ROCKER. DPDT. ON-OFF. 6 AMP
4						15019	LABEL, STEAM-CONSOLE SWITCH
3						19994	SWITCH, ROCKER. SPST. 1.5 AMP
2	1	1	1	1	1	07168	GAUGE, PRESSURE. BACK MOUNT. 10 PSI
						1051351	CONSOLE STUD ASSY. 1050 MM 1 SWITCH
						1051341	CONSOLE STUD ASSY. 900 MM 1 SWITCH
						1051331	CONSOLE STUD ASSY. 600 MM 1 SWITCH
						105135	CONSOLE STUD ASSY. 1050 MM 2 SWITCH
						105134	CONSOLE STUD ASSY. 900 MM 2 SWITCH
						105133	CONSOLE STUD ASSY. 600 MM 2 SWITCH
ITEM	CRT	PART NO.	DESCRIPTION				
1	SWITCH	1048071	CLEVELAND RANGE INC.				
2	SWITCH CONTROL	1048072	1333 East 179th St. Cleveland, Ohio 44110-2514				
3	SWITCH CONTROL	1048073	TOLERANCES	INCHES & MILLIMETERS	DECIMAL	SCALE	TITLE
4	SWITCH	1048074	*	*	*	3/8	CONSOLE ASSY.
5	SWITCH	1048075	N/A	N/A	N/A	1"	1 & 2 SWITCH CONTROL

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DRAWN BY DUTCHMAN APPROVED BY  
DATE 10-08-93 DRAWING NO. 104807 TO 16  
REV. 5 A

LET \_\_\_\_\_ REVISIONS \_\_\_\_\_ DATE: BY \_\_\_\_\_



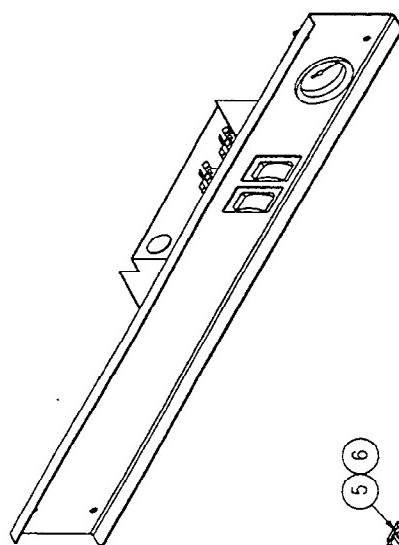
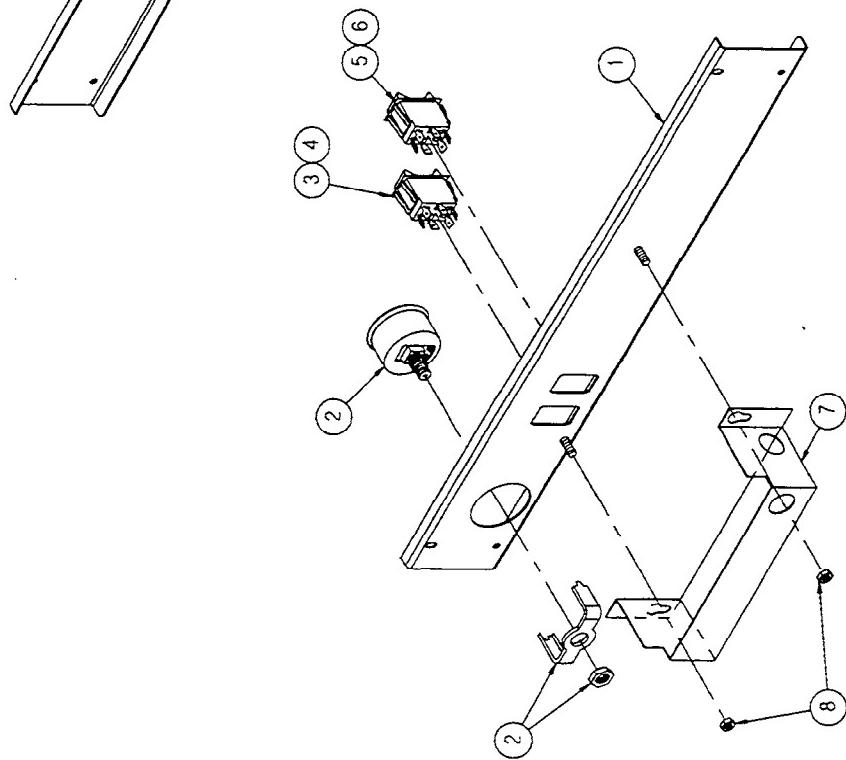
ITEM	QTY.	PART NO.	DESCRIPTION
9	2	14665	NUT, HEX LOCK ELASTIC, 1/4-20, S/S
8	2	23116	WASHER, FLAT, 1/4 ID X 5/8 OD X .065
7	1	105516	BOX, SWITCH PROTECTION
6	1	15018	LABEL, POWER CONSOLE SWITCH
5	1	19933	SWITCH, ROCKER DPDT, ON-OFF, 6 AMP
4	1	15019	LABEL, STEAM-COOLING SWITCH
3	1	19994	SWITCH, ROCKER, SPST, 15 AMP
2	1	07168	GAUGE, PRESSURE, BACK MOUNT, 10 PSI
1	1	1041543	CONSOLE STUD ASSY, 900 MM 2 SWITCH

TOLERANCES <small>(Refer to ASME B8.4)</small>	CLEVELAND RANGE INC. 1309 Euclid 179th St. Cleveland, Ohio 44110-2574		
DECIMAL	SCALE 3/8	DRAWN BY E. GRIVELAS	APPROVED BY NL/T
± N/A			
ANGULAR ± 1°		TITLE CONSOLE ASSY, 800 MM, 2 SWITCH CONTROL	

CK	10-08-93	DRAWING NO. C - 1048073	REV -
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LET \_\_\_\_\_ REVISIONS \_\_\_\_\_ DATE BY \_\_\_\_\_

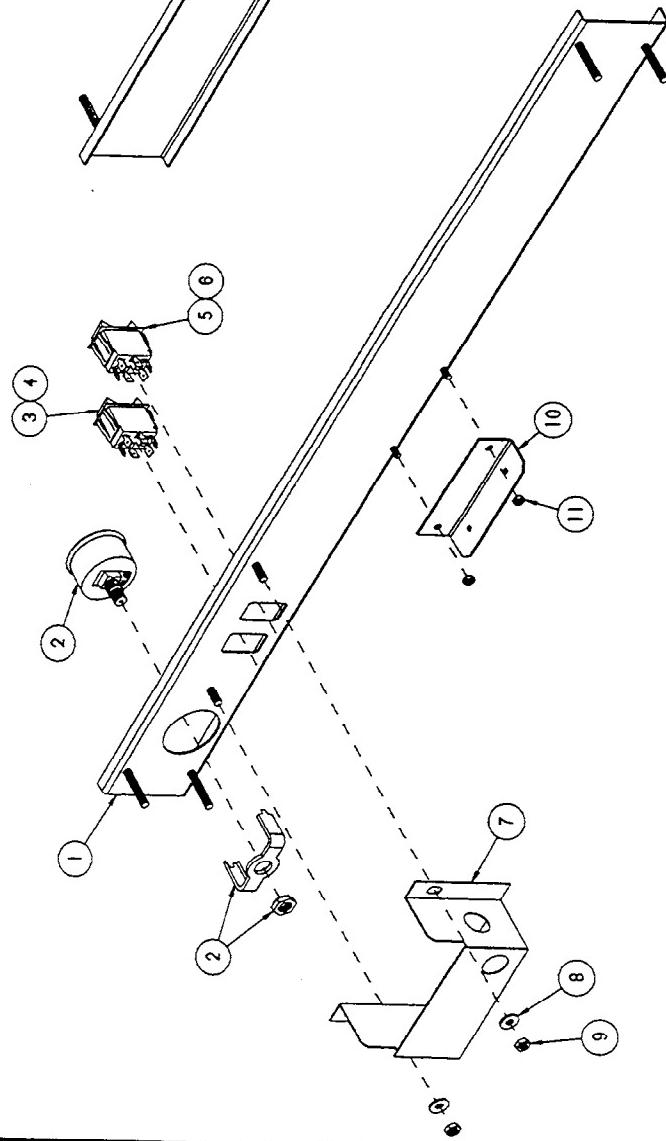


ITEM	QTY.	PART NO.	DESCRIPTION
1	1	1061931	SWITCH CONTROL
2	1	1061932	SWITCH CONTROL
3	1	1061933	SWITCH CONTROL
4	1	1061934	SWITCH CONTROL
5	1	1061331	CONSOLE STUD ASSY. 900 MM 1 SWITCH
6	1	1061332	CONSOLE STUD ASSY. 600 MM 1 SWITCH
7	1	1061333	CONSOLE STUD ASSY. 600 MM 1 SWITCH
8	1	1061334	CONSOLE STUD ASSY. 900 MM 2 SWITCH
	1	1061335	CONSOLE STUD ASSY. 600 MM 2 SWITCH
	1	1061341	CONSOLE STUD ASSY. 900 MM 1 SWITCH
	1	1061351	CONSOLE STUD ASSY. 1050 MM 1 SWITCH
	1	1061352	CONSOLE STUD ASSY. 1050 MM 2 SWITCH
	1	1061353	CONSOLE STUD ASSY. 600 MM 2 SWITCH

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	1061935	CLEVELAND RANGE INC. 1333 East 179th St. Cleveland, Ohio 44110-2574
2	1	1061936	SWITCHES (Refer to notes)
3	1	1061937	TOLERANCES
4	1	1061938	DECIMAL \$ N/A
5	1	1061939	ANGULAR + 1°
6	1	1061940	SCALE 3/8
7	1	1061941	TITLE
8	1	1061942	CONSOLE ASSY. TABLETOP W/TP & 2 SWITCH CONTROL
9	1	1061943	DRAWING NO.
10	1	1061944	DATE 05-19-94
11	1	1061945	CK
12	1	1061946	REV C - 106193 TO 1061935

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LET  REVISIONS  DATE  BY



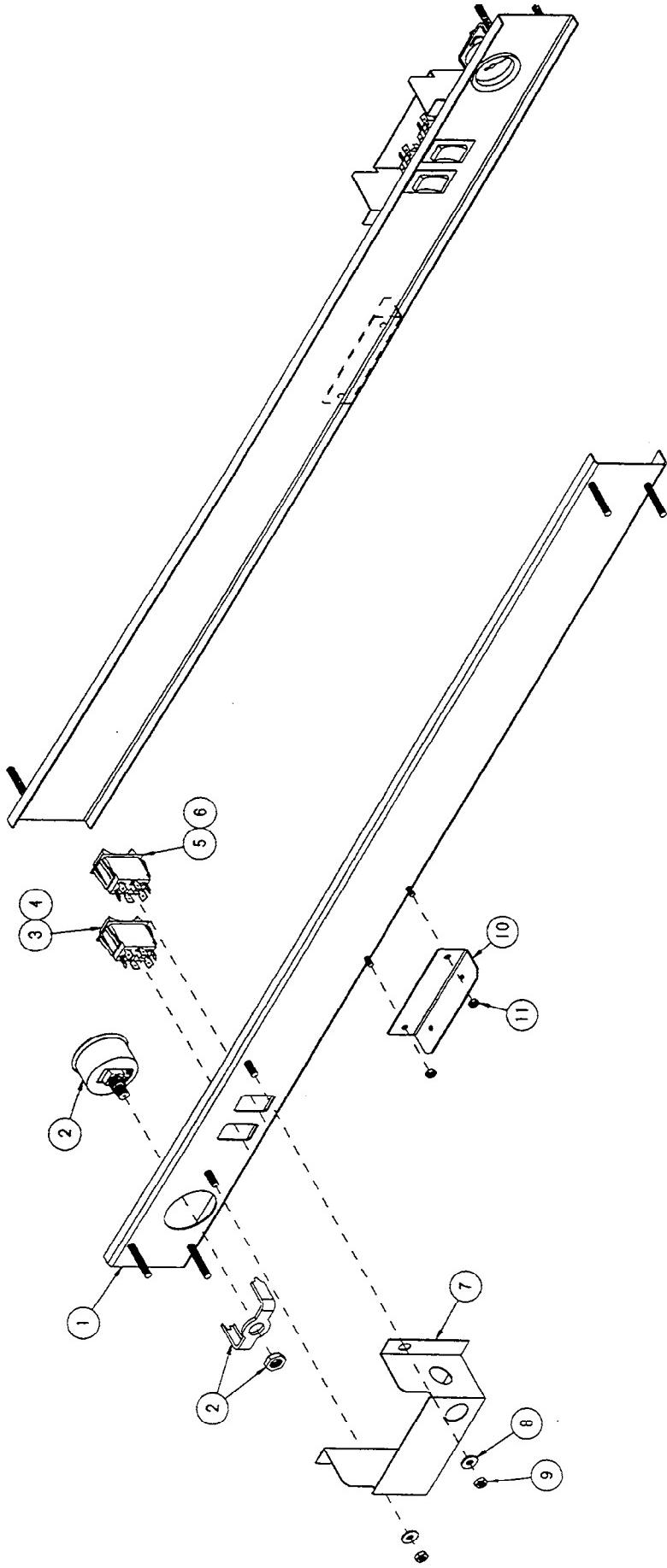
ITEM	QTY	PART NO.	DESCRIPTION
11	2	14692	NUT, HEX LOCK ELASTIC, 10-24 ZINC PL
10	1	102935	BRACKET, MAGNET MOUNT
9	2	14665	NUT, HEX LOCK ELASTIC, 1/4-20, S/S
8	2	23116	WASHER, FLAT, 1/4 ID X 5/8 OD X .065
7	1	105518	BOX, SWITCH PROTECTION
6	1	15018	LABEL, POWER CONSOLE SWITCH
5	1	19933	SWITCH, ROCKER, DPDT, ON-OFF, 8 AMP
4	1	15019	LABEL, STEAM-CONSOLE SWITCH
3	1	19994	SWITCH, ROCKER, SPST, 15 AMP
2	1	07168	GAUGE, PRESSURE, BACK MOUNT, 10 PSI
1	1	1041544	CONSOLE STD ASSY, 900 MM 2 SW TCH

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TOLERANCES  
(apply to notes)  
CLEVELAND RANGE INC  
1333 Euclid 17th St. Cleveland, Ohio 44110-2574

DECIMAL	SCALE	DRAWN BY	APPROVED BY
* N/A	3/8	E. GRIEVES	NLT
* 1"			
CK	09-20-93	DRAWING NO.	C - 1048074 REV -

LET      REVISIONS      DATE BY



ITEM	QTY	PART NO.	DESCRIPTION
11	2	14692	NUT, HEX LOCK ELASTIC, 10-24 ZINC PL
10	1	102535	BRACKET, MAGNET MOUNT
9	2	14685	NUT, HEX LOCK ELASTIC, 1/4-20, S/S
8	2	23118	WASHER, FLAT, 1/4 ID X 5/8 OD X .084
7	1	105516	BOX, SWITCH PROTECTION
6	1	15018	LABEL, POWER, CONSOLE SWITCH
5	1	19993	SWITCH, ROCKER, DPDT, ON-OFF, 6 AMP
4	1	15019	LABEL, STEAM-CONSOLE SWITCH
3	1	19994	SWITCH, ROCKER, SPST, 15 AMP
2	1	07168	GAUGE, PRESSURE, BACK MOUNT, 10 PSI
1	1	1041545	CONSOLE STUD ASSY, 1050 MM 2 SWITCH

TOLERANCES (REFERS TO HOLE)	ITEM	QTY	PART NO.	DESCRIPTION
DECIMAL	SCALE 3/8	DRAWN BY E. GRIVEAUS APPROVED BY NLT		CLEVELAND RANGE INC. 1333 Euclid 119th St. Cleveland, Ohio 44110-2514

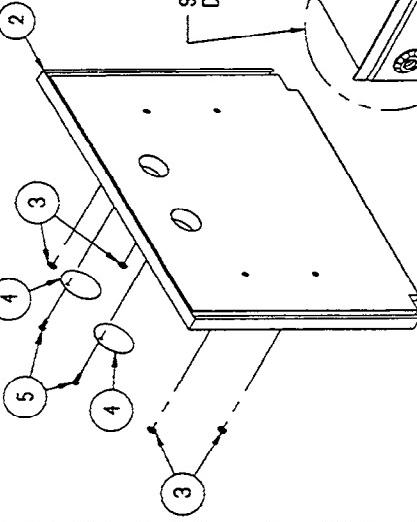
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DATE 08-17-93	DRAWING NO. C - 1048075	REV -
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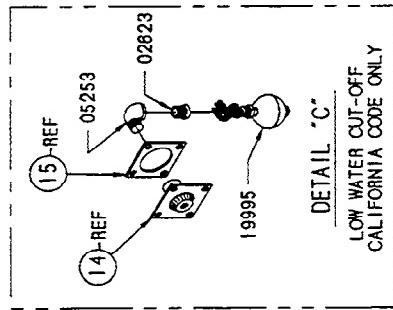
LET DATE BY

REVISIONS

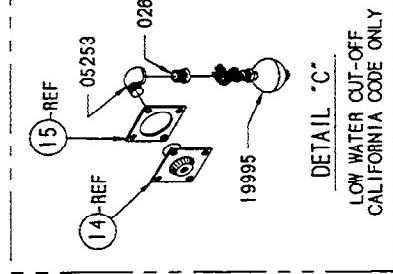
NOTES:  
1. CHANNEL SUPPORT SHOWN (P/N 69986) IS  
USED ON 600MM BASE, CHANNEL SUPPORT  
NOT SHOWN (P/N 69987) IS USED ON 900  
& 1050 MM BASES.



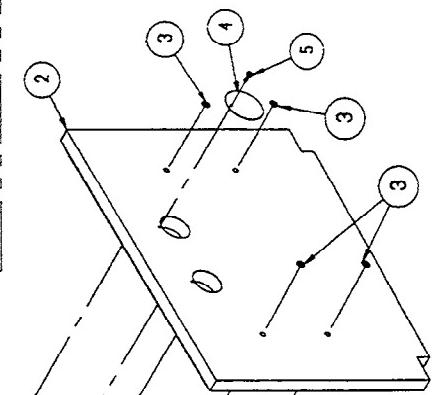
SEE  
DETAIL 'A'



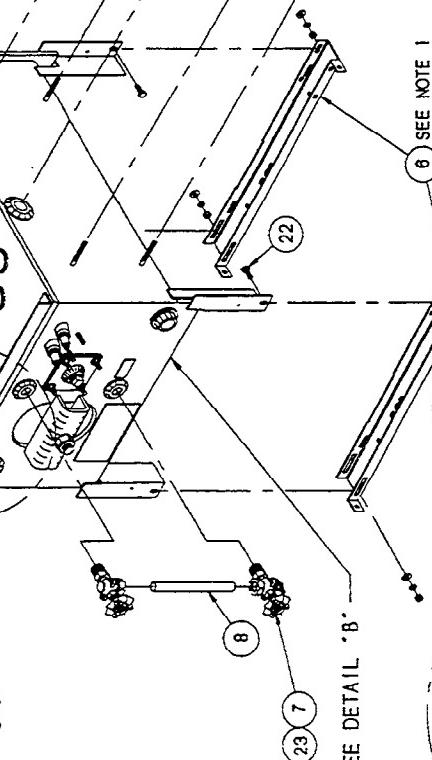
DETAIL 'C'  
LOW WATER CUT-OFF  
CALIFORNIA CODE ONLY



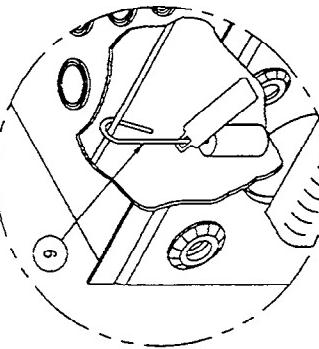
DETAIL 'C'  
LOW WATER CUT-OFF  
CALIFORNIA CODE ONLY



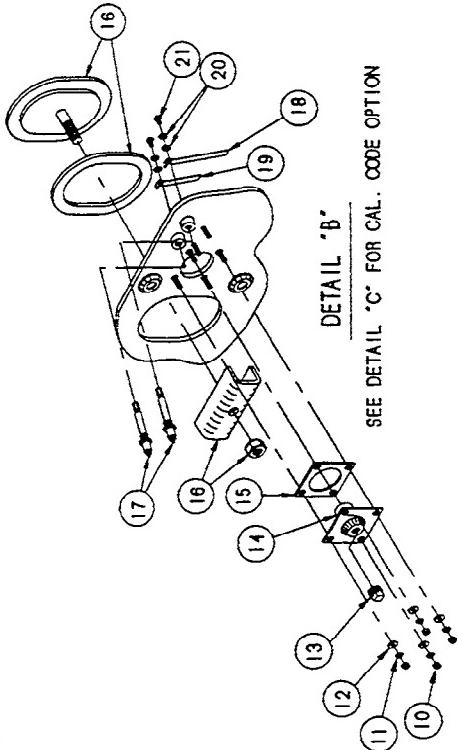
SEE NOTE 1



SEE  
DETAIL 'B'



DETAIL 'A'  
INSTALL ITEM 9 AS SHOWN  
INSIDE GENERATOR



DETAIL 'C'  
SEE DETAIL 'C' FOR CAL. CODE OPTION

NO.	QTY.	PART NO.	DESCRIPTION
23	1/4	00934	SEALANT, REVERSEAL
22	4	19298	SCREW, HEX HEAD, 1/4-20 X 3/8 S/S
21	2	19218	SCREW, HEX HEAD, 1/4-20 X 3/8 S/S
20	4	23151	WASHER, INTERNAL TOOTH LOCK, 1/4
19	1	02452	EXTENSION, WATER PROBE, 1/2 X 3-1/8
18	1	02453	EXTENSION, WATER PROBE, 1/2 X 4-5/8
17	2	18871	PROBE MARIK, 4-5/16" LG
16	1	40421	HANDLE PLATE & BAR ASM
15	1	07128	GASKET, HEATER
14	1	41943	PLATE, MOUNTING
13	1	18602	PLUG, SQUARE 1/2 PIPE, BLACK
12	6	23116	WASHER, FLAT, 1/4 S/S
11	8	23105	WASHER, SPLIT LOCK, 1/4 S/S
10	8	14618	NUT, HEX, 1/4 - 20 S/S
9	1	43895	ANODE ASSM CORROSION PREVENTATIVE
8	1	07302	GLAUE, WATER, 5/8 X 6, GLASS
7	1	07176	GAUGE, FITTINGS, WATER, 1/2"
6	-	89966	SUPPORT, GEN. MTG. CHANNEL 600MM S/S
5	3	99967	SUPPORT, GEN. MTG CHANNEL 800/1050MM
5	3	19146	SCREW, HEX WASH HD, 1/4 X 1/2"
4	3	105339	DISK, HOLE COVER SLIDE INSUL. PANEL
3	8	14263	FASTENER, PUSHNUT, 1/4" STD DIA.
2	-	1009802	PANEL, INSULATION ASM, PI/LT LP
1	-	100980	PANEL, INSULATION ASM, PI/LT NAT GAS
1	1	407241	GENERATOR ASSY, GAS-MELEMNT

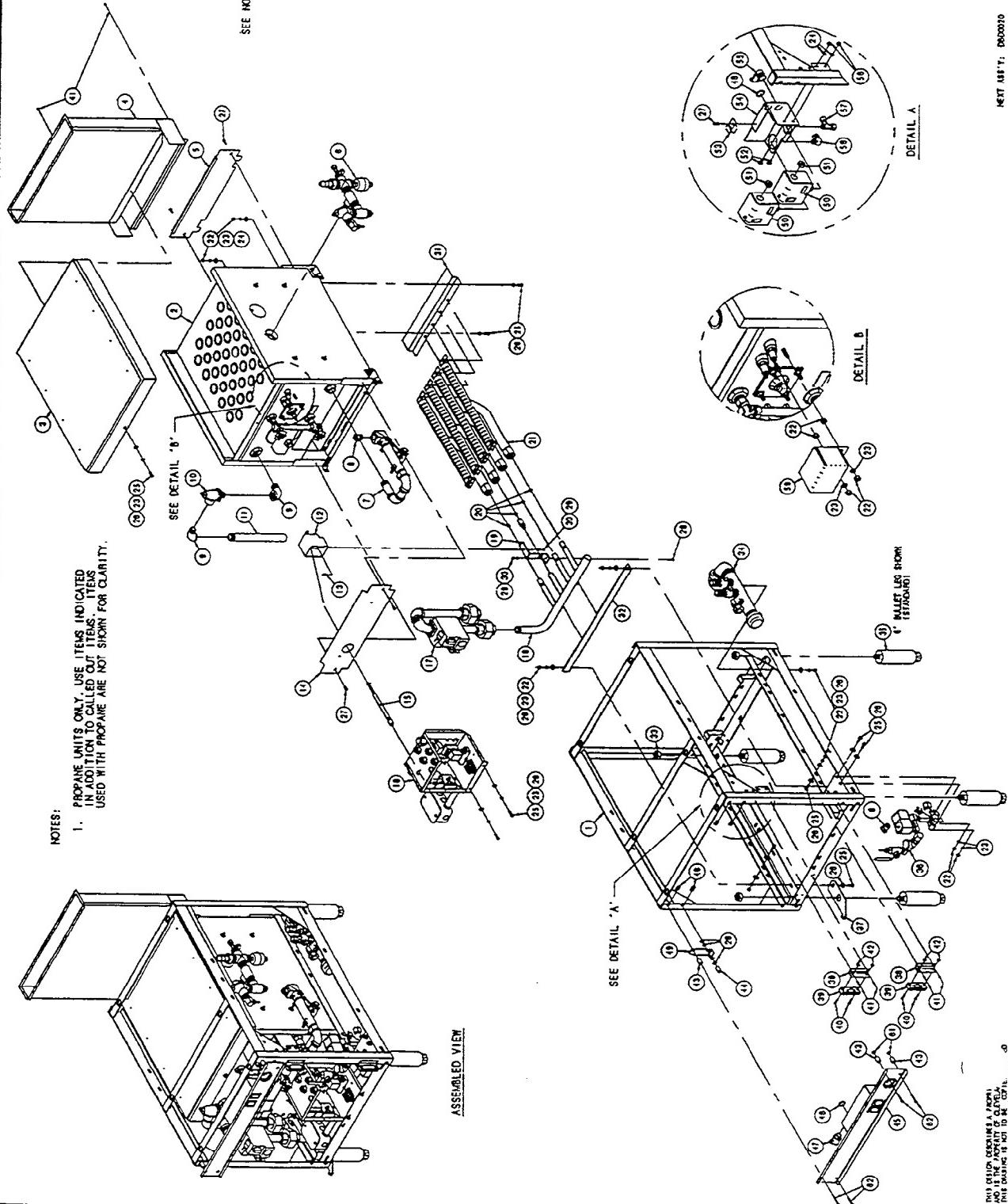
TOLERANCES		CLEVELAND RANGE INC.	
ITEM #	UNIT	ITEM #	UNIT
1	N/A	1333 E 17th St, Cleveland, Oh, 44110-2574	APPROVED BY
2	N/A	DIANN BY GRIEVES	N/A
3	DECIMAL	SCALE 3/16	TITLE
4	ANGULAR	SCALE 1/4	GAS GENERATOR ASSEMBLY
5	N/A	DATE 08-11-93	3/4 BURNER, W/ REFERENCE PARTS
6	N/A	DRAWING NO. C-407241WP	REV. -

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LET.	REVISIONS	DATE BY
A	ADDED P.M. 1004%, P.M. 2010 B&C	25-26-2010
-	CH1121, 1/14 (WPA) B&C 11M3	
-	P.M. E.O. EC-2013	

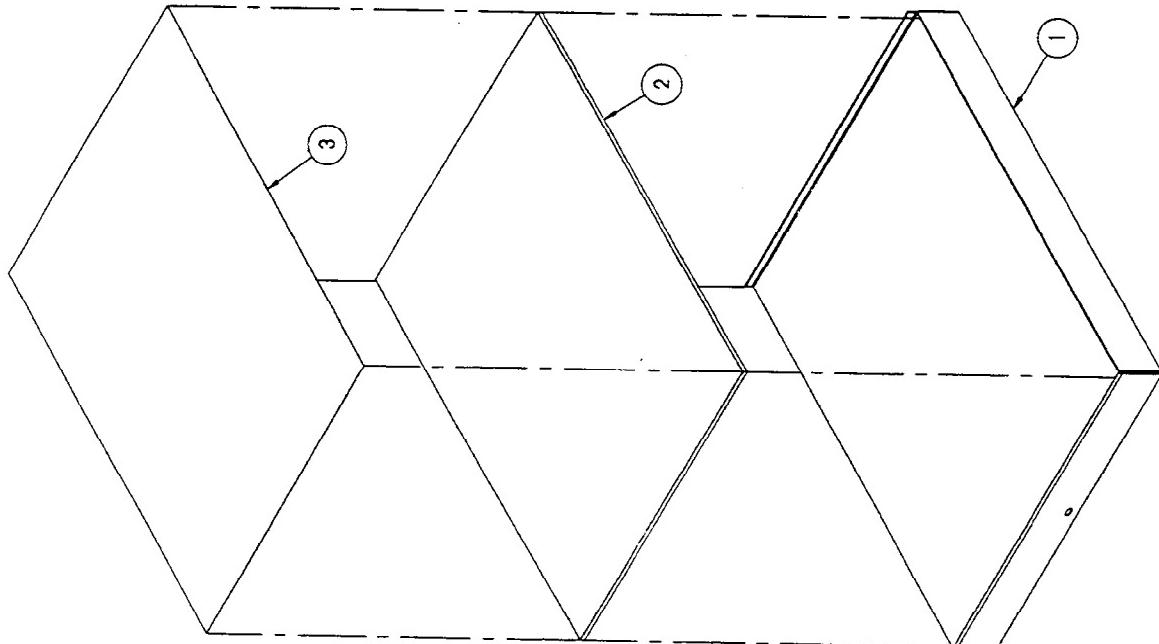
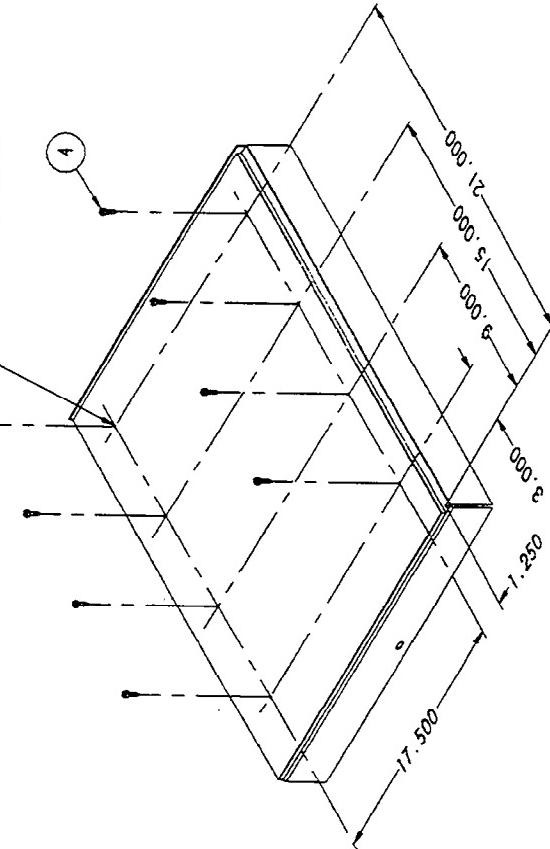
**NOTES:**

1. PROPANE UNITS ONLY. USE ITEMS INDICATED IN ADDITION TO CALLED OUT ITEMS. ITEMS USED WITH PROPANE ARE NOT SHOWN FOR CLARITY.



LET.	REVISIONS	DATE	BY
A	ITEM 4 WAS PAN 19281 E.O. C-1550	7-7-89	DP
B	REDRAWN & UPDATED PER B.O.M.	2-07-94 E.G.	
	E.O.1 C-2558		

0.156 DRILL THRU 8 HOLES.



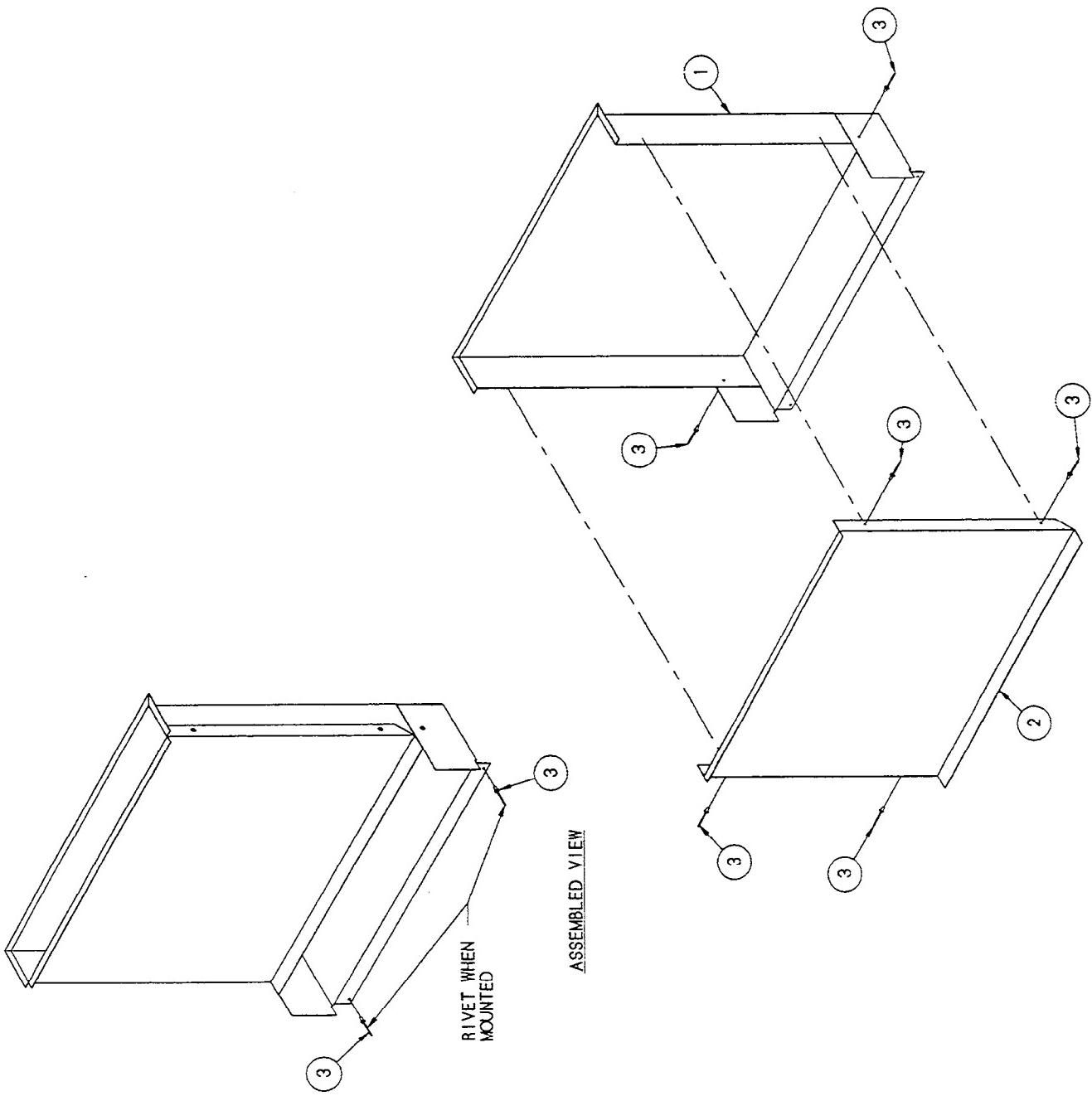
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ITEM	QTY	PART NO.	DESCRIPTION
4	8	19115	SCREW, HEX HEAD WASHER
3	1	101117	PANEL INSULATION, 3/4 BURNER
2	1	101118	INSULATION, 3 & 4 BURNER
1	1	100977	COLLECTOR, TOP FLUE, SH GAS
			DESCRIPTION
TOLERANCES			CLEVELAND RANGE INC.
(INCHES & MM)			1333 East 19th St., Cleveland, Ohio 44110-2174
DECIMAL SCALE	1/16	DRAWN BY	M. ERBENIK
N/A		INSTRUMENT	INSTRUMENT
ADOLIA		COLLECTOR ASH, TOP FLUE	
N/A		SH GAS	
CK	5-14-87	DRAWING NO.	C - 100981
		REV.	B

LET. \_\_\_\_\_ DATE BY \_\_\_\_\_

REVISIONS

ITEM/CITY PART NO.	DESCRIPTION	DATE	DRAWING NO.	C - 101130	REV.
3 8	RIVET, FLUSH BREAK, 1/8" DIA	10/131	101131		
2 1	PANEL, FRONT, INT FLUE RISER	101132	101132		
1 1	PANEL, REAR, INT. FLUE RISER				

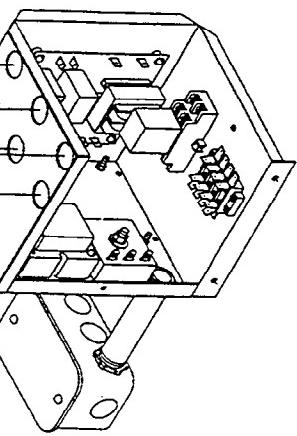


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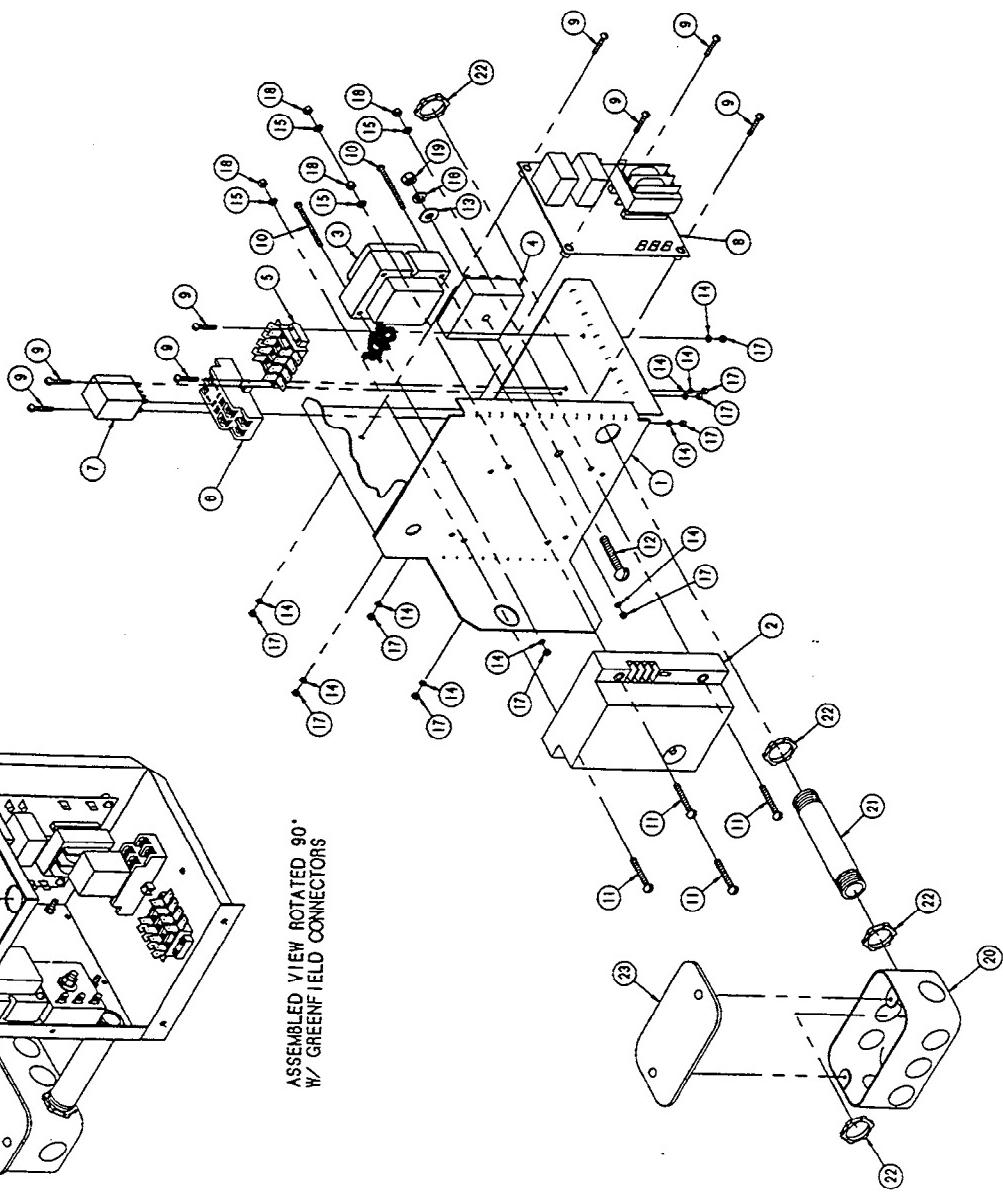
LET.  REVISIONS  DATE

NOTES:  
1. REMOVE P/N 19329 WHEN CAL. CODE / LMCO IS  
USED (SEE B.O.M. FOR APPROPRIATE CONNECTOR).

SEE NOTE 1



ASSEMBLED VIEW ROTATED 90°  
W/ GREENFIELD CONNECTORS



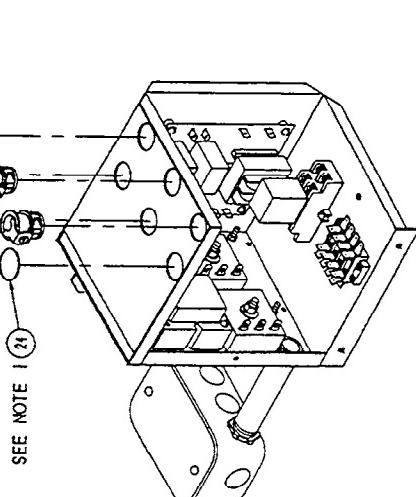
ITEM QTY.	PART NO.	DESCRIPTION
26	1 105246	CONNECTOR, GREENFIELD, 1/2" SHROTTIE
25	4 105243	CONNECTOR, GREENFIELD, 3/8" SHROTTIE
24	1 19329	PLUG, SNAP-IN, 1/2" FOR 7/8" HOLE
23	1 01388	COVER, HANDI-BOX
22	4 11614	NUT, LOCK, 1/2", ELECTRICAL
21	1 11334	HIPPLE, 1/2" x 4", BLACK
20	1 02381	BOX, HANDI-BOX, ELECTRICAL
19	1 11610	NUT, HEX, 1/4-20, 5/8", FULL FINISH
18	4 14598	NUT, HEX, 8-32, ZINC PLATED
17	10 14674	NUT, HEX, 8-32, ZINC PLATED
16	1 23105	WASHER, SPLASH LOCK, 1/4", S/S
15	4 101337	WASHER, INTERNAL TOOTH LOCK, 1/8"
14	10 23111	WASHER, INTERNAL TOOTH LOCK, 1/8"
13	1 23116	WASHER, FLAT, 1/4", 10.1 .065", IRK
12	1 19285	SCREW, ROUND HEAD, 1/4-20 x 1.5", S/S
11	8 18150	SCREW, ROUND HEAD, SLOTTED, #32 x 1.35"
10	4 19119	SCREW, ROUND HEAD, SLOTTED, #32 x 1.35"
9	2 19103	TERMINAL BLOCK ASH... 4 POLE, GAS UNITS
8	1 23108	CONTROL, WATER LEVEL
7	1 03524	RELAY, 120 V. 50/60Hz, AC, DDP
6	1 03525	SOCKET, RELAY
5	1 44164	TERMINAL BLOCK ASH... 4 POLE, GAS UNITS
4	1 20118	TIMER, SOLID STATE, INTERVAL, 3 MINUTE
3	1 20259	TRANSFORMER - SPARK IGNITION SUPPLY
2	1 03546	CONTROL, LOCAL, DIRECT SPARK IGNITION
1	1 44139	BOX, FELDENT, ELECTRIC FOR GAS, 2 MODE
ITEM QTY. PART NO. CK DRAING NO. C - 10092901 REV. 2-15-94		

CLEVELAND RANGE, INC.  
1530 E. 11th St., Cleveland, Ohio 44114  
TECHNICAL SCALE 1:1  
S/N/A DRAWN BY E. GRAYES APPROVED BY  
TROLLA TIME BOX, ELECTRIC, ASSEMBLY  
S/N/A  
DATE 2-15-94 DRAWING NO. C - 10092901 REV. -

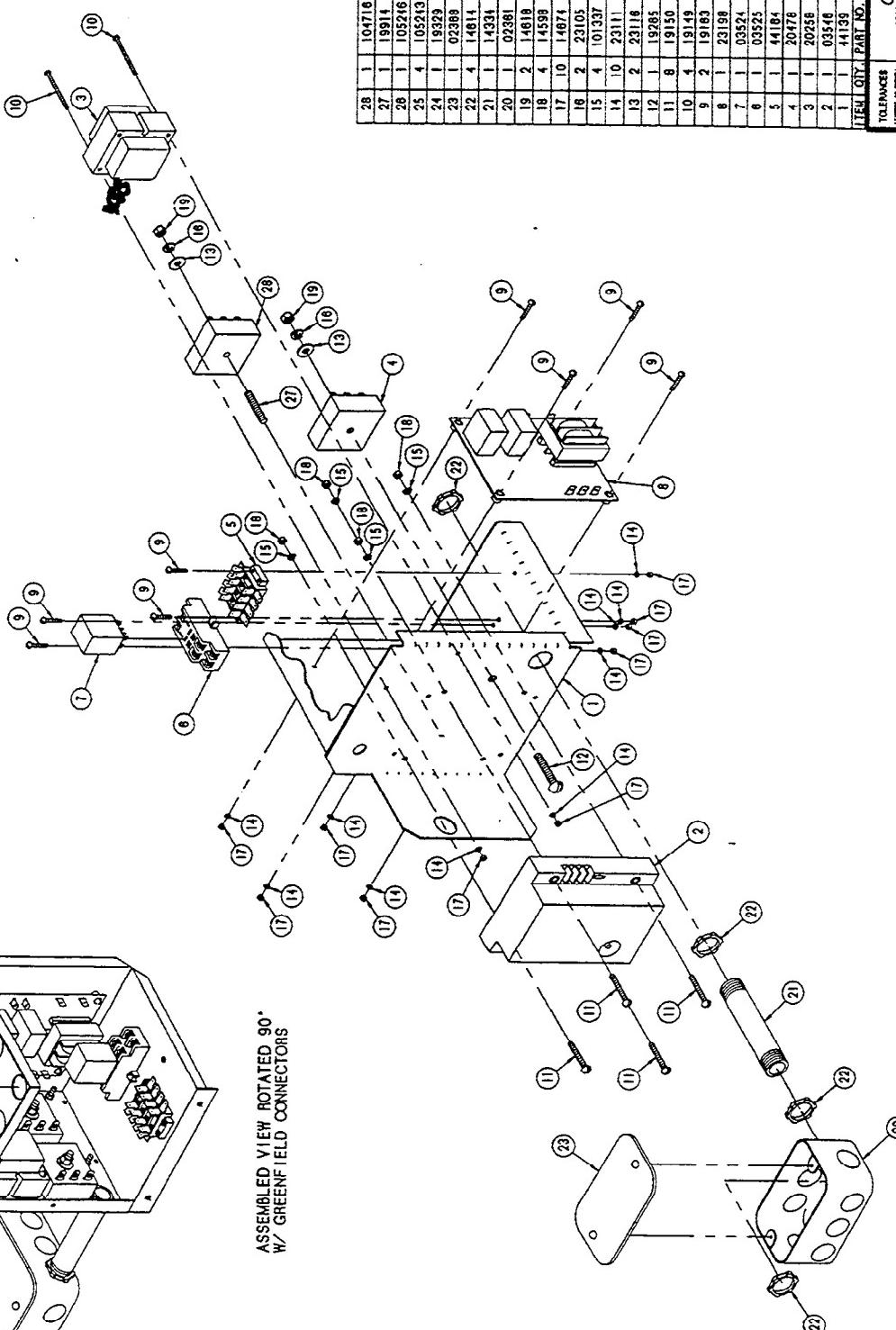
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LET. \_\_\_\_\_ REVISIONS \_\_\_\_\_ DATE \_\_\_\_\_

NOTES:  
 REMOVE PART 19329 WHEN CAL. CODE / LIMCO IS  
 USED (SEE B.O.M. FOR APPROPRIATE CONNECTOR).



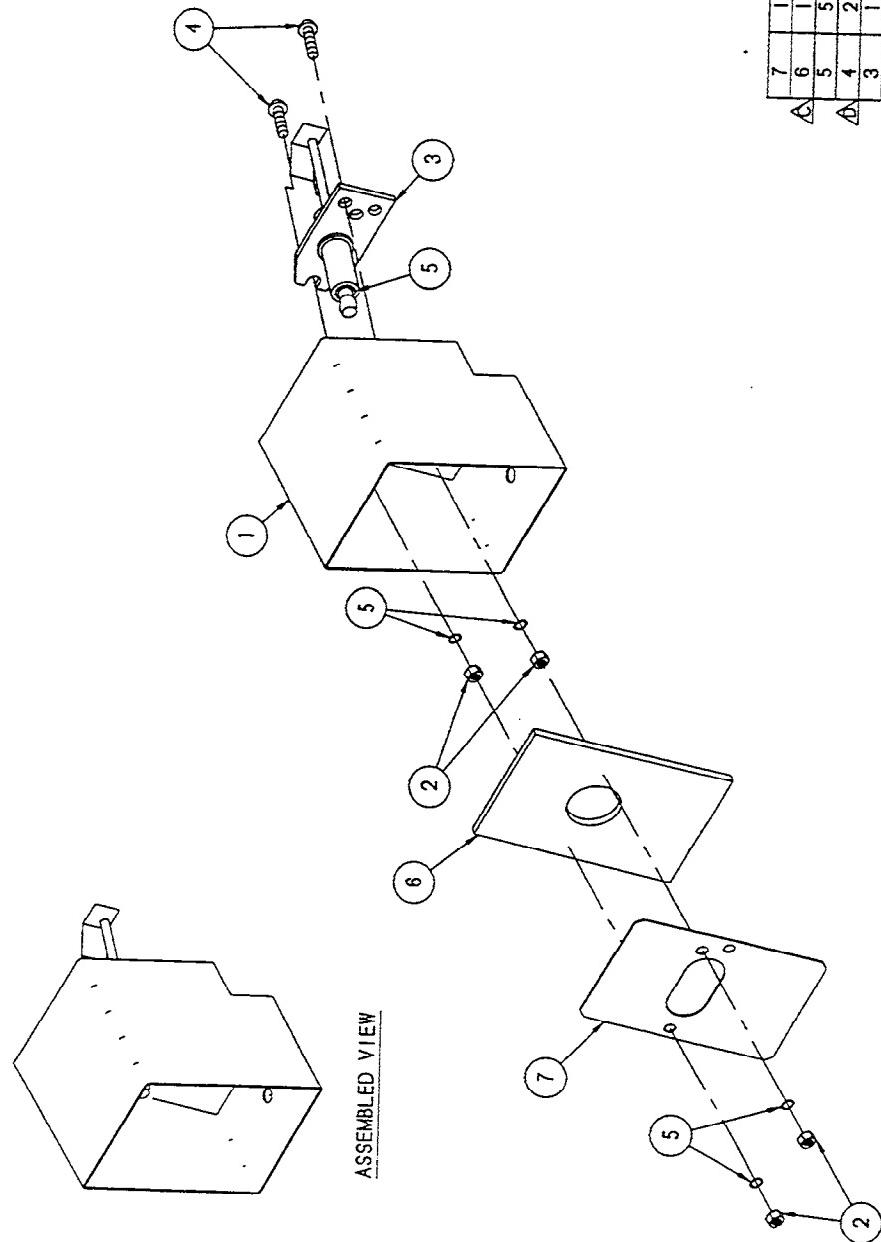
SEE NOTE 1 (2)

ASSEMBLED VIEW ROTATED 90°  
W/ GREENFIELD CONNECTORS

ITEM QTY.	PART NO.	DESCRIPTION
28	1	104716 TIMER, RECYLING, GENERATOR W/ LOAD
27	1	19914 STUD, NEEDLE, STOKE F, 1/16-20 X 1-1/2, S/S
26	1	105216 CONNECTOR, GREENFIELD, 1/2" SHAPTE
25	4	105213 CONNECTOR, GREENFIELD, 2-3/8" SHAPTE
24	1	19329 PLUG, SNAP IN, 1/2" FOR 1/4" HOLE
23	1	02389 COVER, HANDI-BOX
22	4	14614 NUT, LOCK, 1/2"
21	1	19331 NUT, 1/2" X 1", BLACK
20	1	02381 BOX, HANDI-BOX, ELECTRICAL
19	2	14618 NUT, HEX, 1/4-20, S/S, FULL FINISH
18	4	14598 NUT, HEX, 1-32, ZINC PLATED
17	10	14674 NUT, HEX, 6-32, ZINC PLATED
16	2	23105 WASHER, SPLIT, LOCK, 1/4", S/S
15	4	10137 WASHER, INTERNAL TOOTH, LOCK, #8
14	10	23111 WASHER, INTERNAL TOOTH, LOCK, #10
13	2	28116 WASHER, FLAT, 1/4" DIA., .085" THK
12	1	19206 SCREW, ROUND HEAD 1/4-20 X 1.5", S/S
11	8	19130 SCREW, ROUND HEAD SLOTTED, 8-32 X 1.25"
10	1	19119 SCREW, ROUND HEAD SLOTTED, 8-32 X 1.15"
9	2	19163 SCREW, ROUND HEAD SLOTTED, 8-32 X .75"
8	1	28198 CONTROL, WATER LEVEL
7	1	03524 RELAY, 120 V, 50/60Hz, AC, DPDT
6	1	03523 SOCKET, RELAY
5	1	44184 TERMINAL BLOCK ASM, -4 POLE, GAS UNITS
4	1	20476 TERMINAL BLOCK ASM, -4 POLE, GAS UNITS
3	1	20478 TERMINAL BLOCK, INTERNAL, 3 MINUTE
2	1	03546 CONTROL - SPARK IGNITION SUPPLY
1	1	44139 BOX, MODULE, DIRECT SPARK IGNITION
		BOX, RELAY, ELECTRIC FOR GAS, 2 POLE
		ITEM QTY. PART NO. DESCRIPTION
		CLEVELAND RANGE, INC. 1320 East 17th St., Cleveland, Ohio 44110-2174
		REGRILL 3/4" dia. N/A TITLE AROLAN N/A
		DRAWN BY E. GRIEVES INSPECTED BY BOX ELECTRIC AS W/INTERMITTENT BLONDIN, 2 PHASE
		DATE 2-15-94 DRAWN BY C - 10092902 REV. COK

A. PROPRIETARY ITEM  
 THIS DESIGN OF  
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REF.	REVISIONS	DATE	BY
A	WAS C-44097	1-24-84	NEAL
B	ITEM 1 WAS C-52823, ECN 1054	3-6-86	DP
C	ADD P/N B-100314 FOR ITEM 6	3-12-86	DP
D	REDRAW WAS C SIZE, P/N 19163 WAS 2-7-94	EAG	
	1929, E.O. # C-2558		



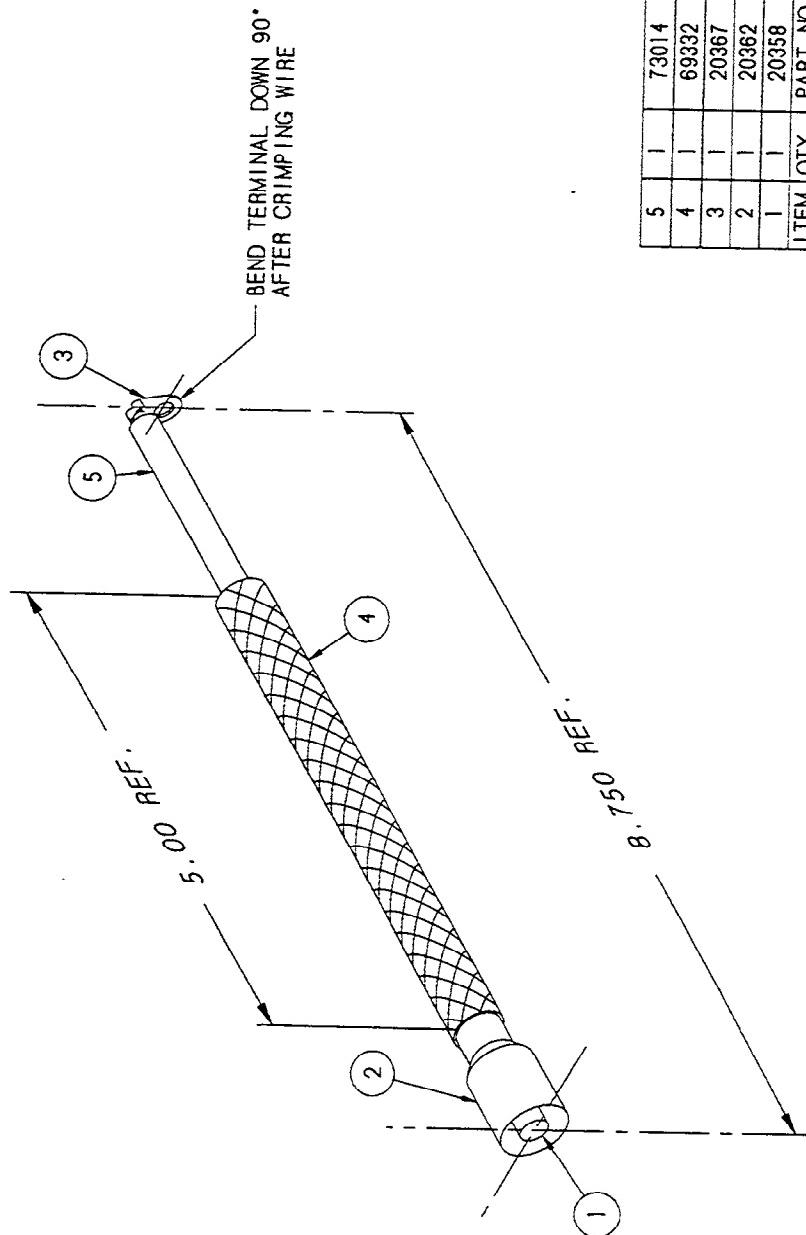
7	1	68149	RETAINER, INSULATION
6	1	100314	INSULATION IGNITOR BOX
5	5	23111	WASHER, LOCK, INTERNAL TOOTH, .6
4	2	19163	SCREW, #8-32 X .75" LG.
3	1	05101	ELECTRODE, COMBINATION IGNITOR/SENSOR
2	4	14674	NUT, #8-32, HEX
1	1	52808	BOX, IGNITOR, GEN. GAS, 2 PROBE

ITEM	QTY.	PART NO.	DESCRIPTION
			CLEVELAND RANGE INC.
			1333 East 179th St., Cleveland, Ohio 44110-2574
DECIMAL	SCALE		
± N/A	5\8=1	DRAWN BY	APPROVED BY
ANGULAR	TITLE	E.LAWRENCE	E.HENDESS
± N/A			

CK	DATE 12-6-94	DRAWING NO. B - 44096	REV. D
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LET.	REVISIONS	DATE	BY
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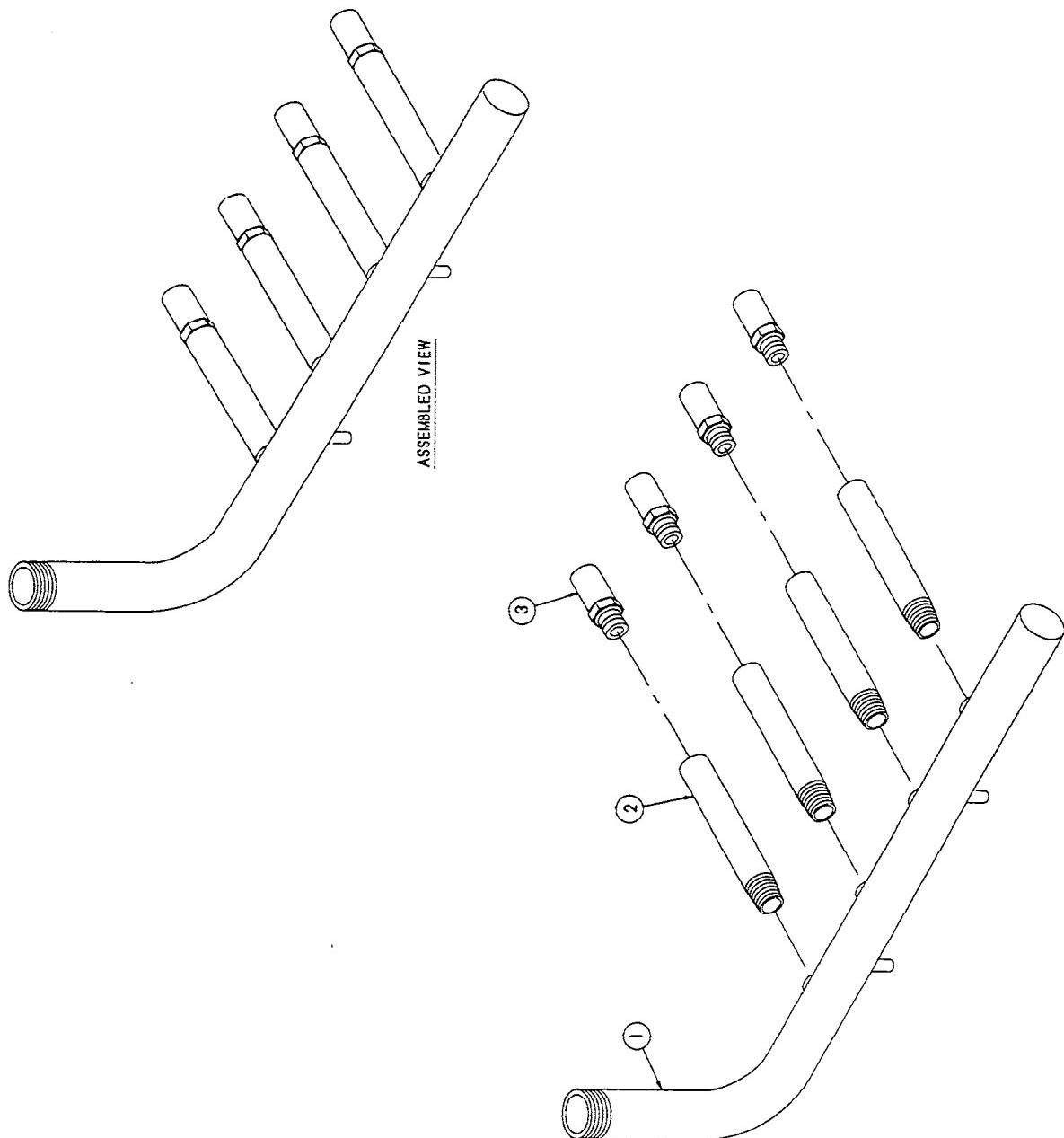


5	1	73014	WIRE, RADIX, 9' LONG
4	1	69332	SLEEVE, FIBERGLASS 5' INSULATING
3	1	20367	TERMINAL RING-#6, NON-INSULATED
2	1	20362	INSULATOR, RED SILICONE
1	1	20358	TERMINAL, IGNITION CABLE

TOLERANCES (EXCEPT AS NOTED)		CLEVELAND RANGE INC.	
1333 East 179th St. Cleveland, Ohio 44110-2571			
DECIMAL ± N/A	SCALE 1=1	DRAWN BY E. GRIEVES	APPROVED BY
ANGULAR ± N/A	TITLE CABLE, IGNITION ASSEMBLY		
CK	DATE 11-09-93	DRAWING NO. R	REV. 1169

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LET. \_\_\_\_\_ REVISONS \_\_\_\_\_ DATE BY \_\_\_\_\_

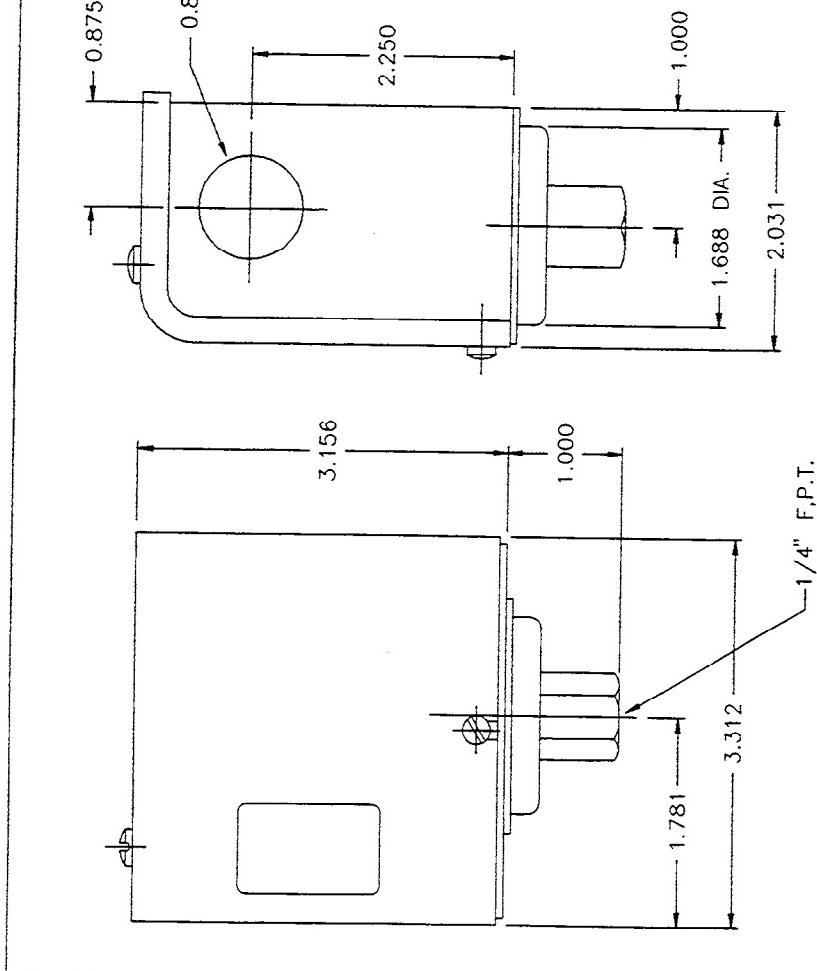


ITEM	QTY	REF. NO.	DESCRIPTION
3	4	19832	SPUDS, ORIFICE HOLDER, 5/8"
2	4	63180	EXTENSION, GAS MANIFOLD
1	1	63177	MANIFOLD, TUBE, 4 JOURNAL, GAS
ITEM OUT, PART NO.			

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TOLERANCES Refer to Item	CLEVELAND RANGE INC.
1333 East 19th St., Cleveland, Ohio 44110-2174	APPROVED BY
SCALE 5/8-1	DRAWN BY E. GRIVEAUS
INCHES	TIME
4 N/A	MANIFOLD, ASM, P/B
4 N/A	4 BURNER, GAS, 200 KBTU
DATE 11-10-93	DRAWINGS NO. C - 40920 Rev.
CK	

LET.	REVISIONS	DATE	BY
A	REVISED ADJ. OPERATING RANGE SPEC. - WAS: 0.5 TO 9 PSI,	11-28-84	RMC
-	-	-	-
B	WAS: ADDITIVE DIFFERENTIAL	-	-
C	WAS: ADJ. DIFFERENTIAL: 1 TO 5 PSI EO <b>IC-2276</b>	07-07-86	TS
D	MODEL NO. WAS PA404A (SUBTRACTIVE DIFFERENTIAL) 10-13-92	07-31-92	DMP
E.O.	E.O. #2276R1	10-13-92	NLT



SPECIFICATIONS:

PRESSURE ACTUATED HIGH LIMIT SAFETY CONTROL FOR STEAM HEATING BOILERS.  
BREAKS AN ELECTRICAL CIRCUIT ON PRESSURE RISES.  
MAX. OPERATING PRESSURE: 20 PSI  
MAX. AMBIENT TEMPERATURE: 150° F.  
ELECTRICAL RATING: 8.0 F.L.A. AT 120V. AC  
SWITCH: PRESSURE ACTUATED SPST, SNAP-ACTION  
ADJUSTMENT MEANS: OPERATING RANGE SET POINT—SCREW ON TOP OF CASE: DIFFERENTIAL SET POINT—DIAL INSIDE OF CASE.  
ADJUSTABLE OPERATING RANGE: 3 TO 15 PSI.  
ADJUSTABLE DIFFERENTIAL: 1 TO 5 PSI; FACTORY SET AT 1 PSI.  
SWITCH ACTION ON PRESSURE FALL: MAKES AT SET POINT MINUS DIFFERENTIAL.  
SWITCH ACTION ON PRESSURE RISE: BREAKS AT SET POINT.  
MOUNTING MEANS: 1/4" FEMALE PIPE THREADS

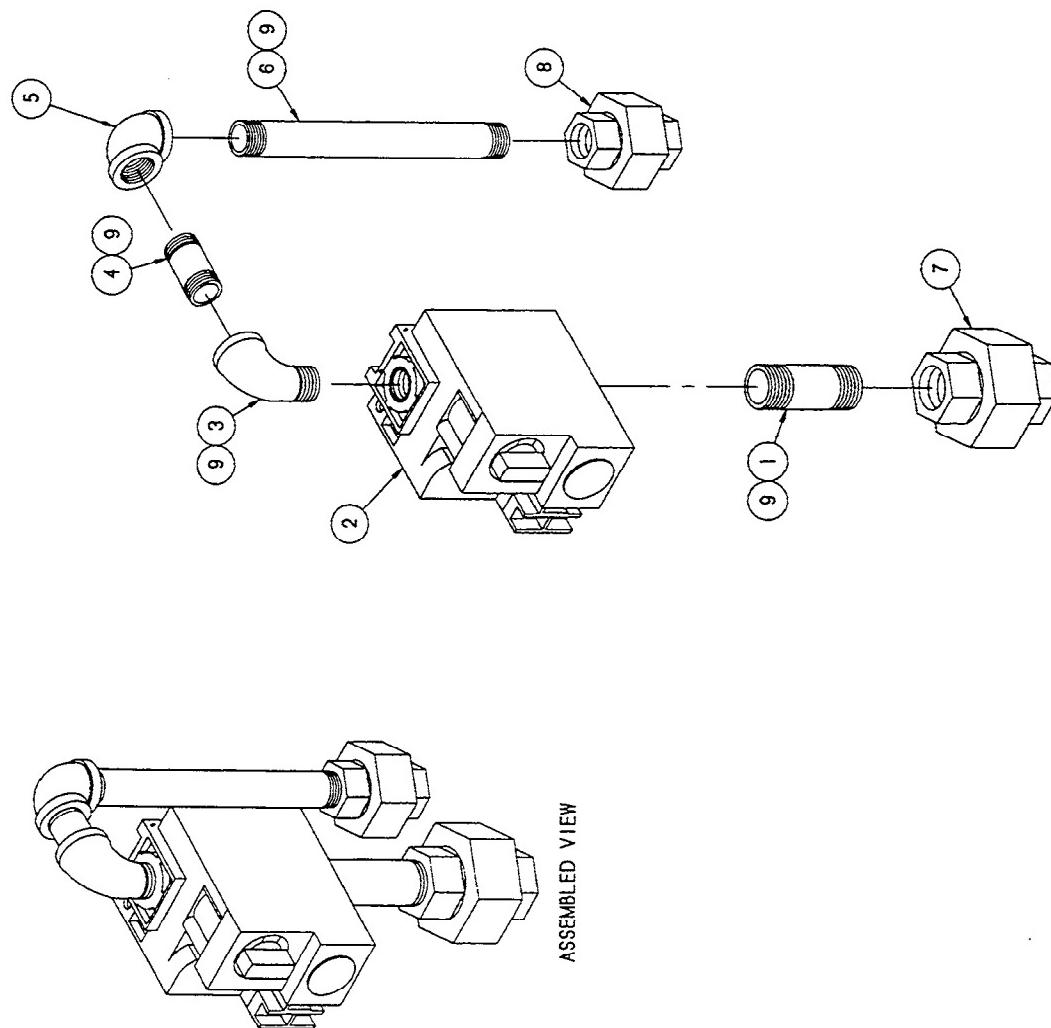
Ⓐ Ⓡ Ⓢ Ⓣ

APPROVED SOURCE

1. HONEYWELL  
MODEL NO. PA404A-10666 ①  
UL FILE NO. MP466  
C.S.A. FILE NO. LR1620

ITEM	QTY	PART NO.	DESCRIPTION
TOLERANCES (Except as noted)			<b>CLEVELAND RANGE INC.</b> 1333 East 179th St. Cleveland, Ohio 44110-2574
DECIMAL		SCALE 1=1	DRAWN BY RJB APPROVED BY
±		INCHES	CONTROL, PRESSUR
ANNUAL	±1"		
			REV B
			DATE 09-08-76 DRAWING NO. B-16947
			AC

LET.	REVISIONS	DATE	BY
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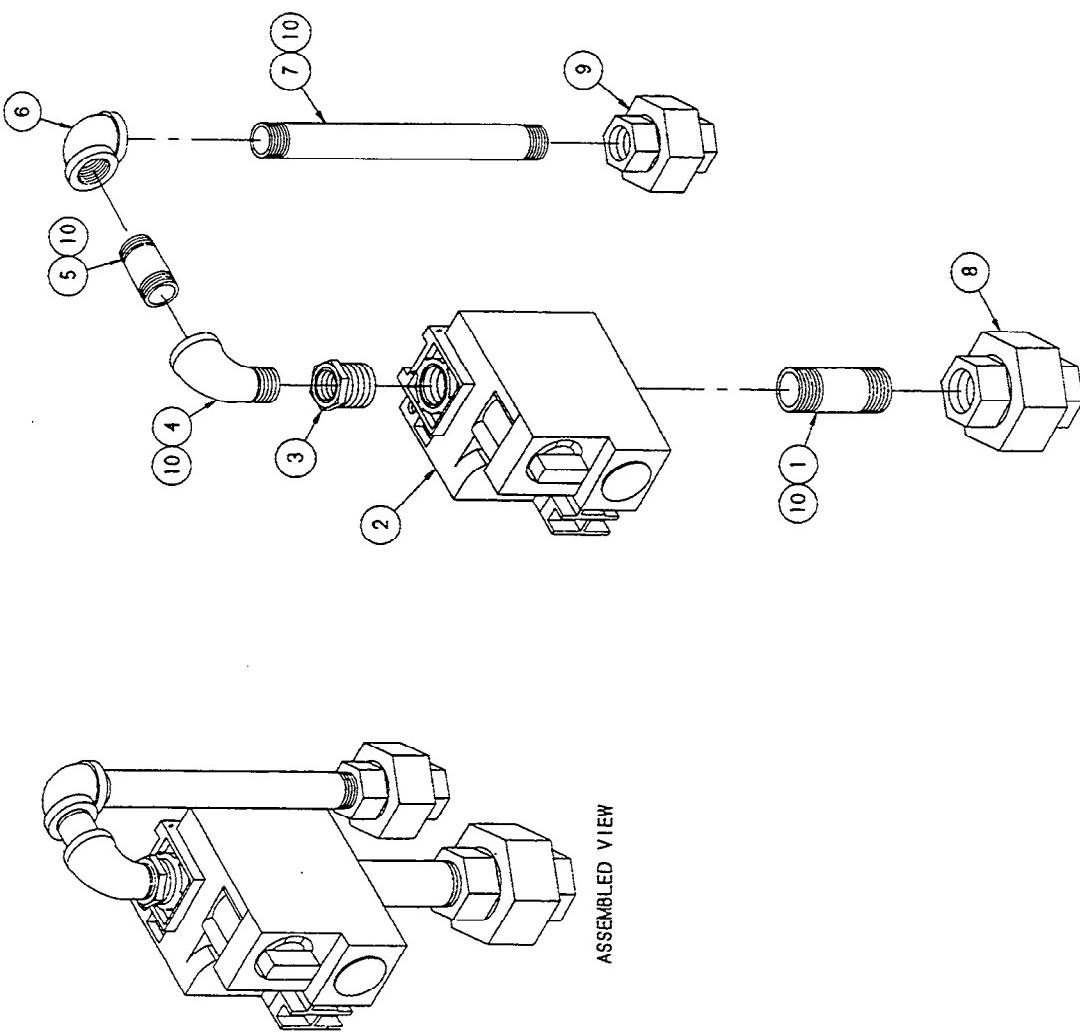
ASSEMBLED VIEW

ITEM	QTY.	PART NO.	DESCRIPTION
9	A/R	00934	SEALANT, RECTORSEAL
8	1	21302	UNION, BLACK, 1/2"
7	1	21305	UNION, 3/4", BLACK
6	1	14340	NIPPLE, 1/2" x 7-5/8", BLACK
5	1	05219	ELBOW, 1/2", 90°, BLACK
4	1	14325	NIPPLE, 1/2" x 1-1/2", BLACK
3	1	05252	ELBOW, STREET, 90°, 1/2", BLACK
2	1	22228	VALVE, GAS CONTROL, NATURAL GAS
1	1	14345	NIPPLE, 3/4" x 2-1/2", BLACK

TOLERANCES (EXCEPT AS NOTED)	CLEVELAND RANGE INC.		
	1333 East 179th St. Cleveland, Ohio 44110-2514		
DECIMAL	SCALE 3\8=1	DRAWN BY E. GRIEVES	APPROVED BY NLJ
± N/A			
ANGULAR			
± N/A			

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LET.      REVISIONS      DATE      BY



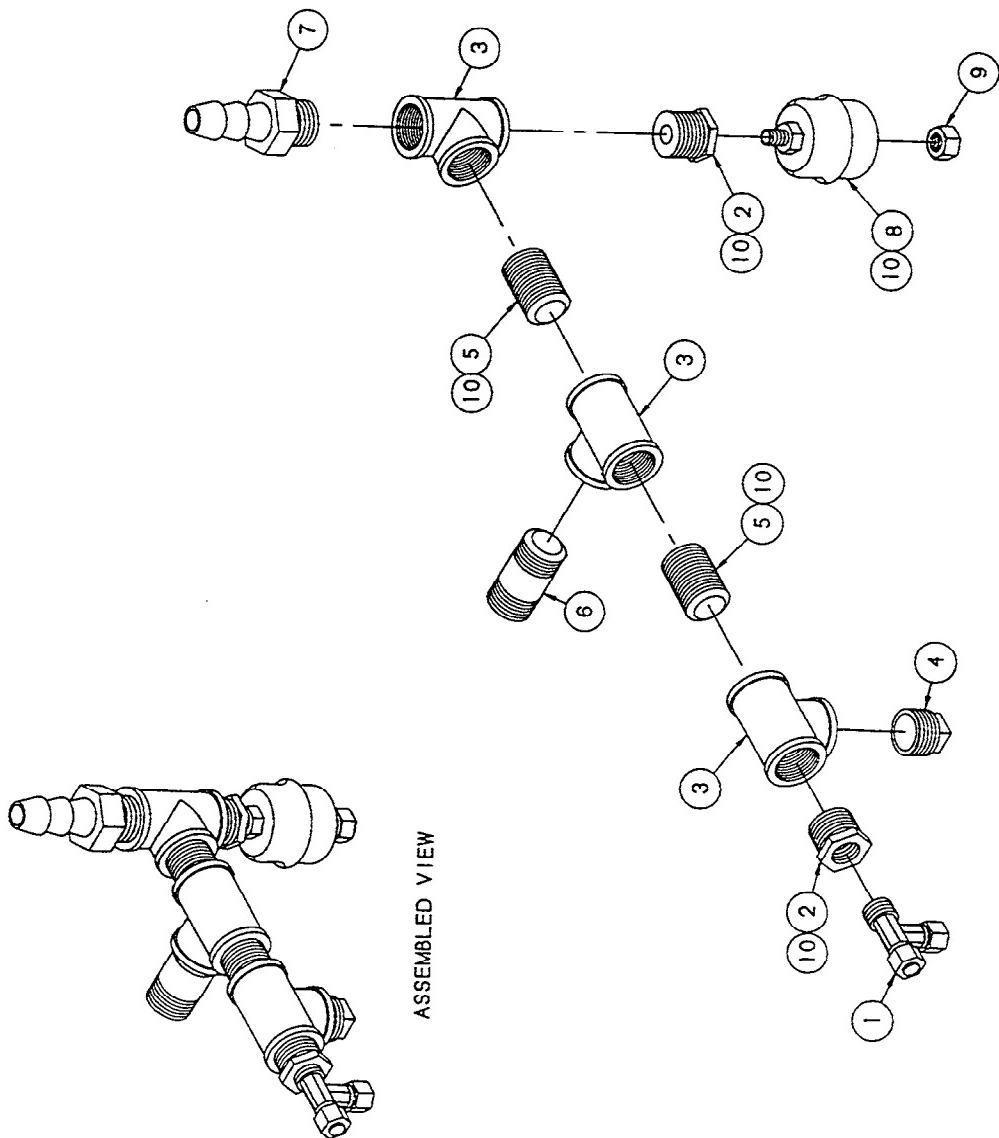
ITEM QTY.	PART NO.	DESCRIPTION
10	A/R	00934 SEALANT, RECTORSEAL
9	1	21302 UNION, BLACK, 1/2"
8	1	21305 UNION, 3/4", BLACK
7	1	14340 NIPPLE, 1/2" x 7.5" LG., BLACK
6	1	05249 ELBOW, 1/2" 90° BLACK
5	1	14325 NIPPLE, 1/2" x 1-1/2", BLACK
4	1	05252 ELBOW, STREET, 90°, 1/2", BLACK
3	1	02565 BUSHING, HEX, 3/4 X 1/2, BLACK
2	1	22231 VALVE, GAS CONTROL, FOR LP
1	1	14345 NIPPLE, 3/4" x 2-1/2", BLACK

TOLERANCES  
(except as noted)  
CLEVELAND RANGE INC.  
1333 East 179th St. Cleveland, Ohio 44110-2574

SCALE 3\8=1	DRAWN BY E. GRIEVES	APPROVED BY NLT
DECIMAL † N/A	TITLE VALVE ASSEMBLY, LIQUID PROPANE 100', 200 BTU	
ANGULAR † N/A	DATE 11-08-93	
DRAWING NO. B - 436		REV. -

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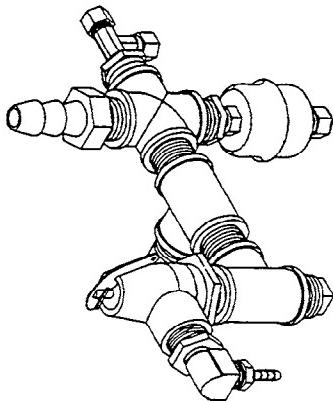
LET. \_\_\_\_\_ REVISIONS \_\_\_\_\_ DATE BY \_\_\_\_\_



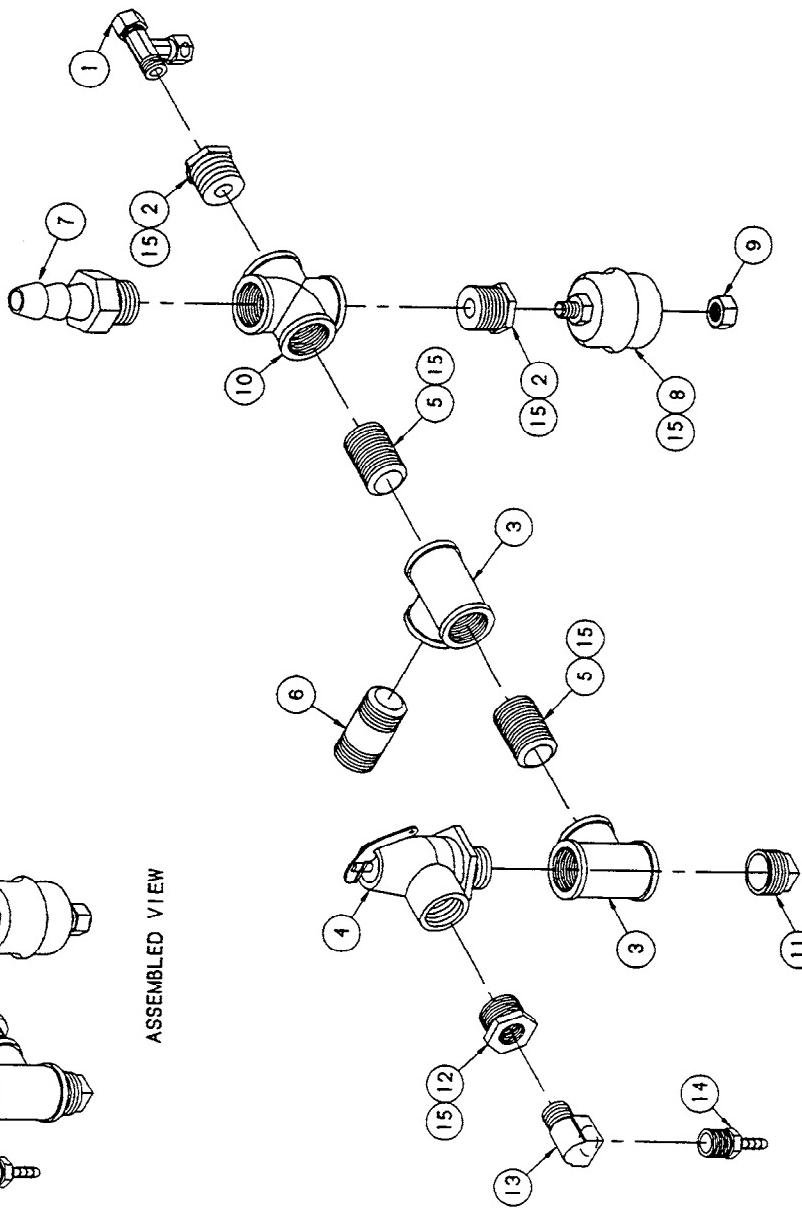
ITEM	QTY.	PART NO.	DESCRIPTION
10	A/R	00934	SEALANT, RECSEAL
9	1	14681	NUT, COMPRESSION, 1/4 TUBE, BRASS
8	1	101207	TRAP, THERMOSTATIC, 1/4" X 1/4"
7	1	06240	FITTING, HOSE BARB 3/4" HOSE X 3/4" I.P.T. BRASS
6	1	14431	NIPPLE, 3/4" X 2", BRASS
5	2	14342	NIPPLE, 3/4" X CLOSE, BRASS
4	1	16607	PLUG, SQUARE HEAD, 3/4", BRASS
3	3	20209	TEE, 3/4" BRASS
2	2	02563	BUSHING, REDUCING, 3/4 X 1/4", BRASS
1	1	100893	FITTING, O.D.R., TEE 2-8T X 3/8PT X 3/8T

TOLENCES (unit: 1/16 inch)	CLEVELAND RANGE INC. 1333 E. 17th St. Cleveland, Ohio 44110-2571		
DECIMAL	SCALE	DRAWN BY	APPROVED BY
* N/A	1/2=1	E. GRIEVES	M.L.T.
ANGULAR	TITLE	STEAM OUTLET ASSEMBLY	REV. BEND GENERATOR REV. 21
* N/A			
CK	DATE 10-07-93	DRAWING NO. C - 42R100	REV. 1

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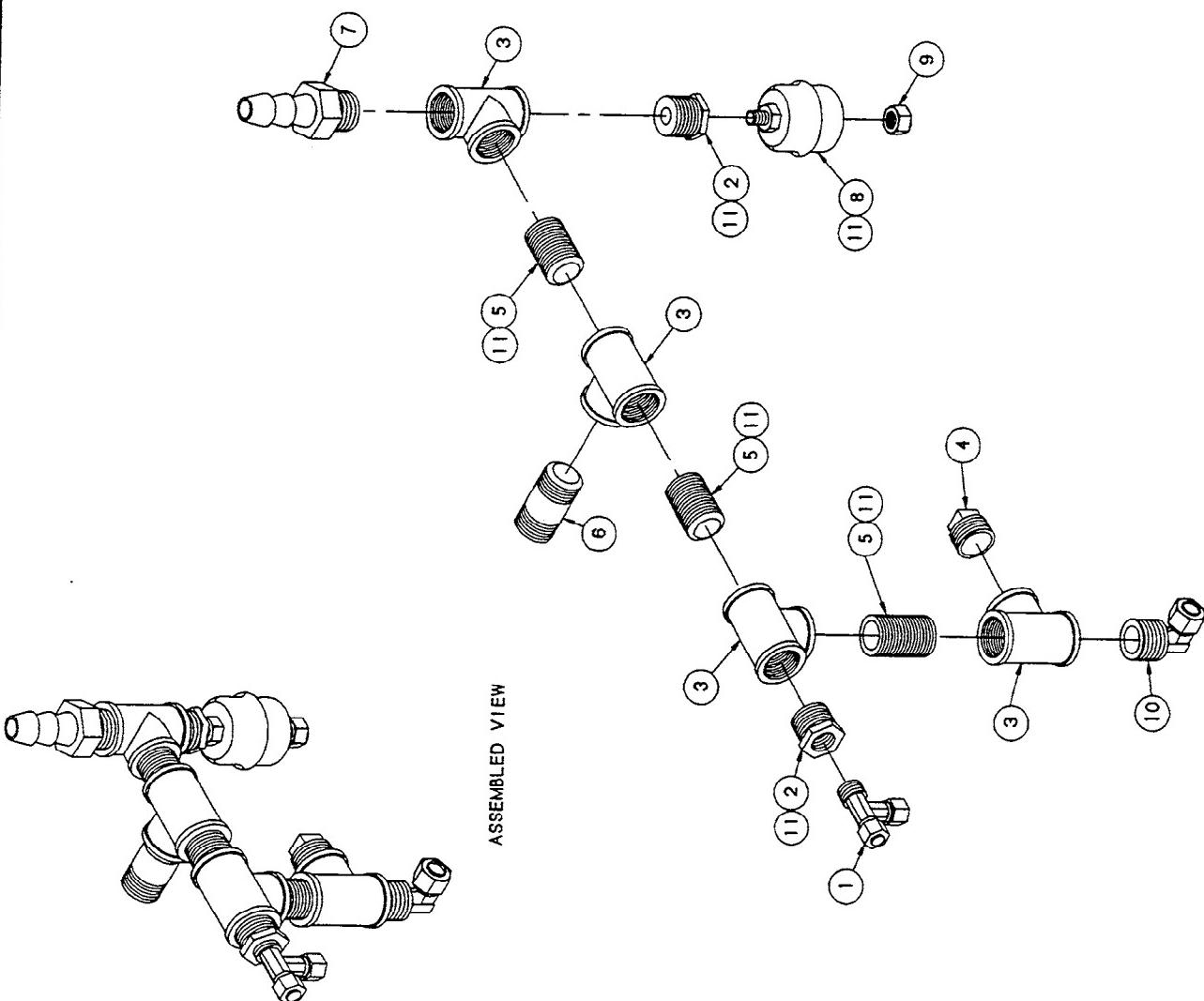
ASSEMBLED VIEW



ITEM	QTY.	PART NO.	DESCRIPTION	REV.
15	A/R	00334	SEALANT, RECTORSEAL	
14	1	101382	FITTING, HOSE BARB, 1/4" H X 3/8" MPT	
13	1	05280	ELBOW, STREET, 3/8" BRASS	
12	1	02375	BUSHING, REDUCING, 3/4" X 3/8". BRASS	
11	1	16607	PLUG, SQUARE HEAD, 3/4" . BRASS	
10	1	03732	CROSS, 4-WAY 3/4" . BRASS	
9	1	14681	NUT, COMPRESSION, 1/4" TUBE, BRASS	
8	1	101207	TRAP, THERMOSTATIC, 1/4" X 1 1/4"	
7	1	062340	FITTING, HOSE BARB 3/4" HOSE X 3/4" MPT BRASS	
6	1	14431	NIPPLE, 3/4" X 2". BRASS	
5	1	11342	NIPPLE, 3/4" X CLOSE, BRASS	
4	1	101035	VALVE, SAFETY, 3/4", 12 PSI	
3	2	20206	TEE, 3/4" BRASS	
2	2	025683	BUSHING, REDUCING, 3/4 X 1/4", BRASS	
1	1	100883	FITTING, COMP., TEE 3/8" X 1/4" MPT X 3/8"	
TOLERANCES INCHES & MM'S				
DECIMAL INCHES				
SCALE		DRAWN BY	APPROVED BY	OLD
1/2=1		EAG		
TITLE STEAM OUTLET ASSEMBLY				
SM GAS, 600MM				
CK	DATE	DRAWING NO.	C -	125
	1-21-94			

PERMIT  
N/A

LET.	REVISIONS	DATE BY
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ITEM	QTY	PART NO.	DESCRIPTION
11	4/4	00934	SEALANT, RECORESEAL
10	1	00187	FITTING, COMPR., 90 DEG, 1/2" X 3/4"PT
9	1	14981	NUT, COMPRESSION, 1/4" TUBE, BRASS
8	1	101207	TRAP, THERMOSTATIC, 1/4" X 1/4"
7	1	00240	FITTING, HOSE BARB 3/4" HOSE X 3/4" APT. BRASS
6	1	14431	NIPPLE, 3/4" X 2", BRASS
5	3	14942	NIPPLE, 3/4" X CLOSE, BRASS
4	1	18607	PLUG, SQUARE HEAD, 3/4", BRASS
3	4	20268	TEE, 3/4" BRASS
2	2	02563	BUSHINGS, RETRACTING, 3/4" X 1/4", BRASS
1	1	100893	FITTING, COMPR., TEE, 3/8"X 3/8"PT X 3/8"

ITEM	CITY	PART NO.	DESCRIPTION
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TOLEANCES	CLEVELAND RANGE / INC.		
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Except as noted	1333 E. 179th St. Cleveland, Ohio 44110-2574		
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DECIMAL	SCALE	DRAWN BY	APPROVED BY
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± N/A	1/2=1	D. DODSON	N. I.
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ANGULAR	TITLE STEAM OUTLET ASY; 12CKEN/12CKGM		
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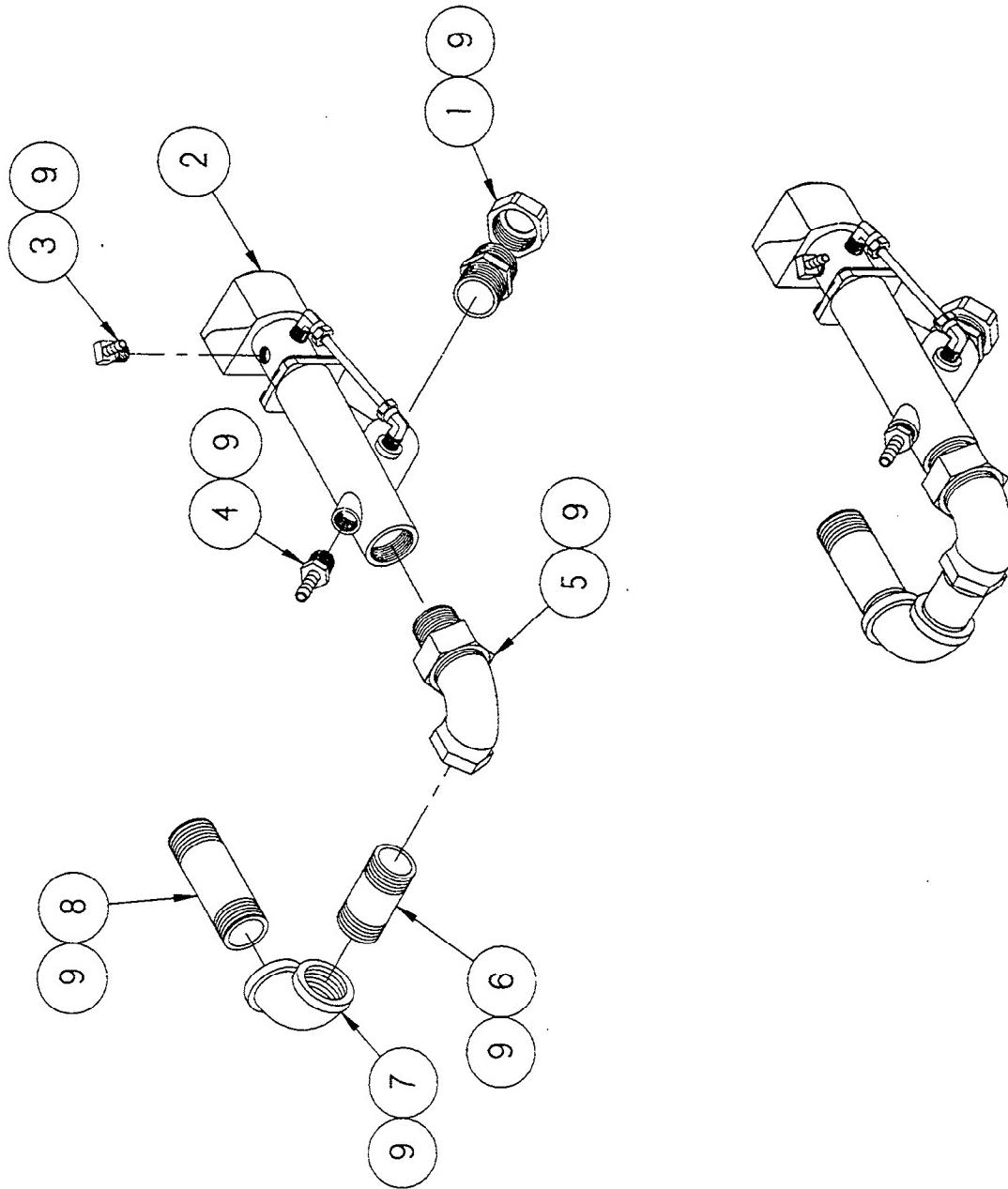
± N/A	REV. BEND GENERATOR		
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DATE	2-09-94	DRAWING NO.	C - 428126
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KEY	-		
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NOTES: 1. PARTS MUST BE ROTATED TO ILLUSTRATED ANGLES.



LET	REVISIONS	DATE	BY
A	P/N 20208 WAS 20249, EO 62075	11-12-91	SN
B	ROTATED P/N 22221 & ADDED NOTE 1	04-16-92	SN
C	P/N 06208 WAS 06201; P/N 22244 WAS 22221; P/N 10391 WAS 06216; P/N 14495 WAS 14490; P/N 03280 WAS 03181; P/N 105181 ADDED; P/N 03277, 20208 1, 10324 OMITTED PER E.O. AC-2448	06-18-93	PJO

NO.	QTY.	PART NO.	DESCRIPTION
9	1	00324	SEALANT, FECTOSEAL
8	1	14195	NIPPLE, 3/4 NPT X 3, S/S
7	1	05280	ELBOW, 3/4 X 3/4, 90°
6	1	14191	NIPPLE, 3/4 X 2, BRASS
5	1	05283	ELBOW, ADJUSTOR, 3/4 X 90°
4	1	10381	FITTING, HOSE BEND, 1/4 H X 1/4 NPT
3	1	103781	FITTING, HOSE BEND, 1/4 H X 1/8 NPT 90°
2	1	22244	VALVE, SOLERID, 1/2", 15 PSI
1	1	06208	COMP., FITTINGS, 3/4" x 3/4" NPT, ST.

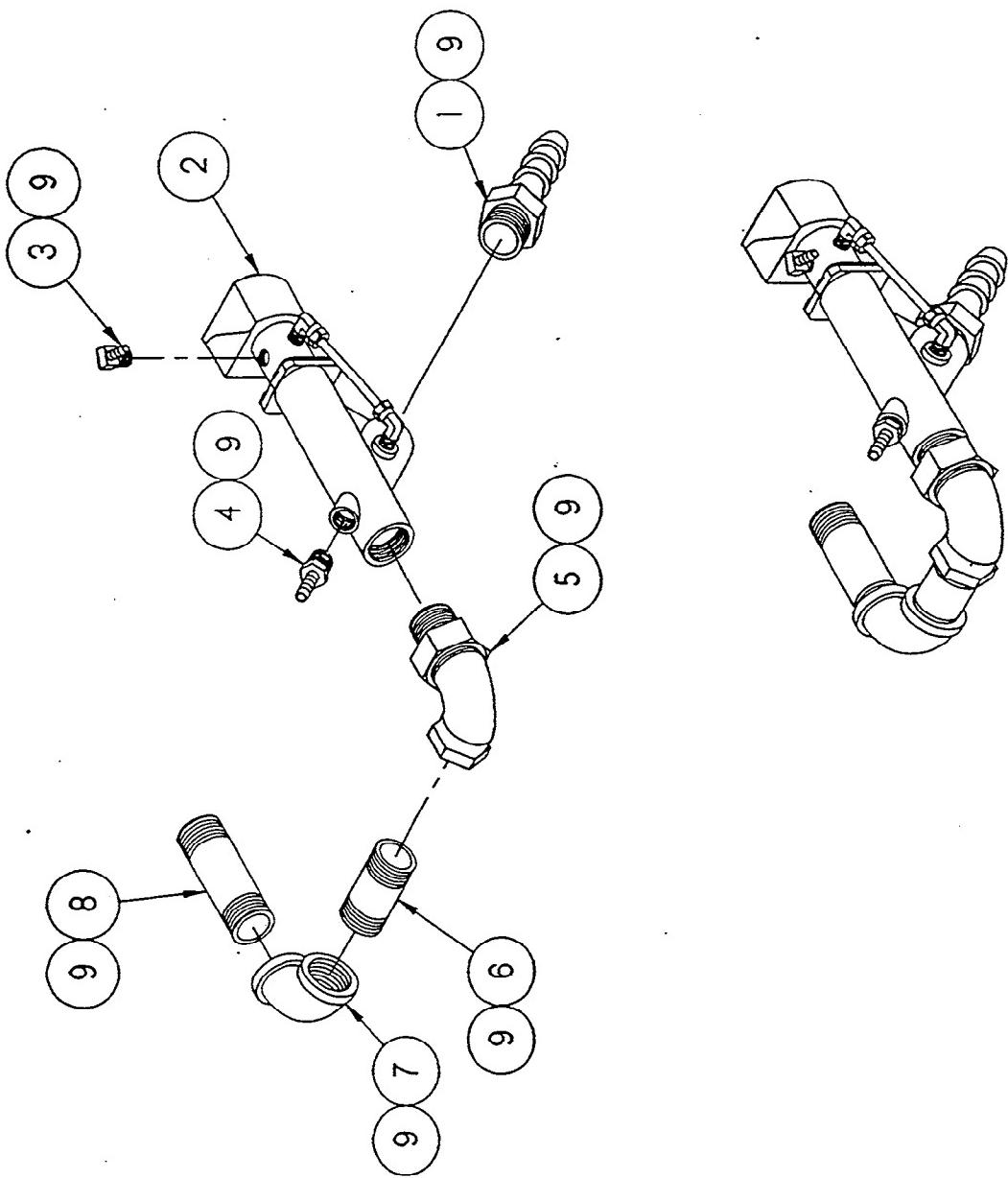
TOLERANCES (inches & mm)	CLEVELAND RANGE INC. 1333 Euclid 175th St. Cleveland, Ohio 44110-2514		
DECIMAL	SCALE	DRAWN BY	APPROVED BY
± N/A	± N/A	S. JILINSKI	J.P.
ANGULAR	± N/A	TITLE	PIPING ASSEMBLY, BLOWDOWN 600 MM., GAS (1/4 CGM)
DATE	DRAWING NO.	C	REV.
CK	7-18-91	C	11 C

THIS DESIGN DESCRIBES A PROPRIETARY ITEM  
AND IS THE PROPERTY OF CLEVELAND RANGE  
CO., INC. OR ITS SUBSIDIARIES.  
IT MAY NOT BE COPIED OR USED  
WITHOUT THE APPROVAL  
OF CLEVELAND RANGE.

LET	REVISIONS	DATE BY
A	1/M 2026 M/S 2019, E/ 2015	11-13-91 SU
I	ROUTED P/M 03/21 L ACED NOTE 1	04-10-92 SU
C	P/M 05/10 M/S 03/21, P/M 22/14 WAS 22/21 P/M 05/10 M/S 03/21, P/M 05/10 M/S 03/21 P/M 14/15 M/S 03/16, P/M 05/10 M/S 03/16 P/M 14/15 M/S 14/16, P/M 05/10 ACED, P/M 05/07 2026 M/S 14/21 CHANGED, P/M E.O. 1C-2146	04-10-92 P/M

**NOTES:**

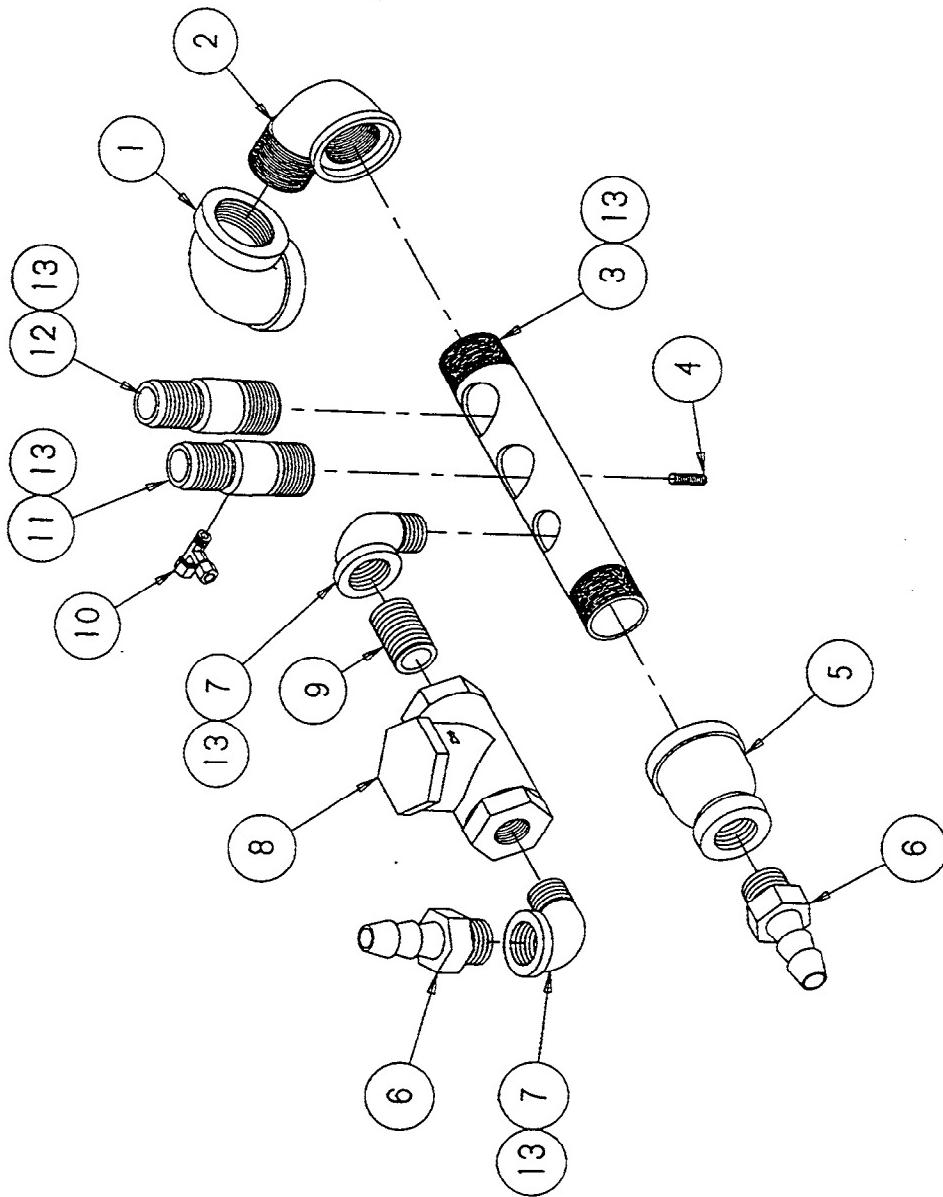
1. ROTATE TOWARDS S/S HIPPILE ABOUT 45° FOR SMALL GAS PRESSURES (11).



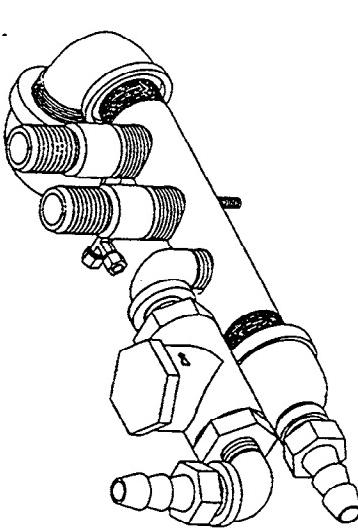
NO.	QTY.	PART NO.	DESCRIPTION	TOLERANCES		
				IN	MM	IN
9	1	00931	SEALANT, LIQUIDSEAL			
6	1	14695	NIPPLE, 3/4" NPT X 3/4" S.S.			
6	1	05264	ELBOW, 3/4" X 3/4" 90°			
6	1	11131	NIPPLE, 3/4" X 2" BRASS			
5	1	05049	ELBOW, RADIATOR, 3/4" X 90°			
5	1	10380	FITTING, ROSE BABB, 1/4" NPT X 1/4" NPT			
3	1	103787	FITTING, ROSE BABB, 1/4" NPT X 1/4" NPT			
2	1	22241	VALVE, SOLIDOD, 1/2", 15 PSI			
1	1	05640	FITTING, ROSE BABB, 1/4" NPT X 1/4" NPT			
Cleveland Range Inc., 1320 East 17th St., Cincinnati, Ohio 45216-2374						
DECTRIAL	SOURCE	MANUFACTURER	APPROVED BY			
2 N/A	N.H.T.S.	S. WILKINS	DIP			
ANGLIA	TITLE	PINING ASSEMBLY, BLOOMDN 3600AM, 3600CM, POW				
2 N/A	DATE	0-07-91	DRAWING NO.	C - 408111	REV.	C
OK	DATE	0-07-91	DRAWING NO.	C - 408111	REV.	C

THIS DESIGN DESCRIBES A PROPRIETARY ITEM  
AND IS THE PROPERTY OF QAYYALI RANGE.  
THIS DRAWING IS NOT TO BE COPIED OR USED  
WITHOUT THE APPROVAL OF QAYYALI RANGE.

LET	REVISIONS	DATE BY
-	PRODUCTION RELEASE E.O. #C-2008	09-10-91 PJD
A	P/N 05259 WAS QTY. OF 2 E.O. #C-2048	10-11-91 PJD
B	P/N 10541 WAS P/N 20219 E.O. #C-2134 R1	03-11-92 PJD
C	P/N 05259 WAS QTY. OF 3. P/N 10541 OMITTED. P/N 06210 WAS QTY. OF 3 PER E.O. #C-2448	07-21-93 PJD



NO.	ITEM	DESCRIPTION
13	A/H	SEALANT, RECTORSEAL
12	1	14401 FITTING, BAMB 1" HOSE X 1" NPT S/S
11	1	583191 FITTING, HOSE - DRAIN ANIMATED BAMB 1" NPT
10	1	101394 TEE, Male, 1/4" T X 1" X 1/8"
9	1	14940 NIPPLE, CLOSE, 3/4", BLACK
8	1	22119 VALVE, SWING CHECK, 3/4"
7	2	03259 ELBOW, STREET, 90°, 3/4", BLACK
6	2	08240 FITTING, HOSE BAMB 3/4" HOSE X 3/4" MNPT
5	1	03616 COUPLING, RED, 1-1/2"-3/4" BLACK
4	1	18917 STO. WELD, 1-1/2" X .875 S/S
3	1	13232 MANIFOLD, DRAIN 1-1/2" NPT BLACK
2	1	04292 ELBOW, STREET 1-1/2" NPT X 90° BLACK
1	1	03238 ELBOW, 1-1/2" NPT X 90° BLACK
NO. QTY.	PART NO.	DESCRIPTION

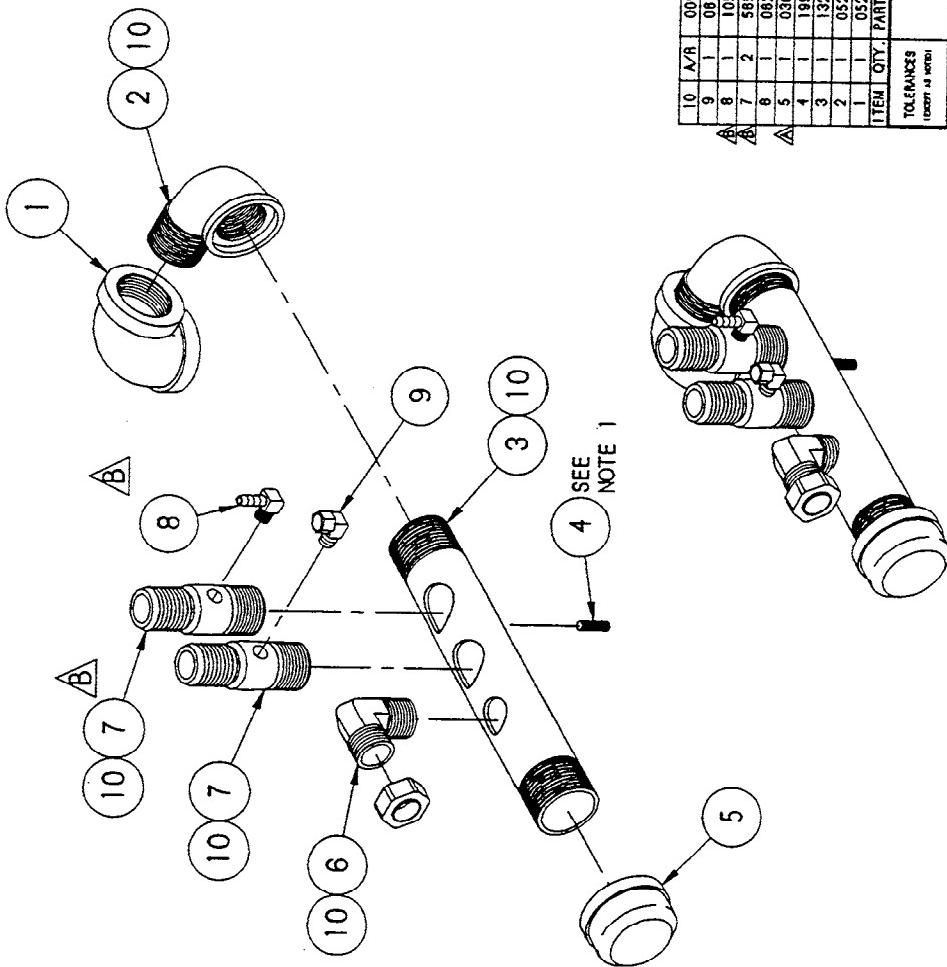


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WITHOUT THE APPROVAL OF CLEVELAND RANGE.

### ASSEMBLED UNIT

TOLERANCES (Refer to Item 1)	CLEVELAND RANGE INC.		
DECIMAL SCALE	133 East 179th St., Cleveland, Ohio 44110-2374		
DECIMAL SCALE	1/2"	DRAIN BT	P.J.D.
ITEM	1	APPROVED BY	D.S.
NUMBER	1	MANIFOLD ASSEMBLY	
ITEM	2	42CKSM/SM 42CKTGMLG	
DATE	09-10-91	DRAWING NO.	REV. C C-104873

NOTE :  
1. REFER TO DRAWING 260AH FOR STUD  
LOCATION INSTRUCTIONS.

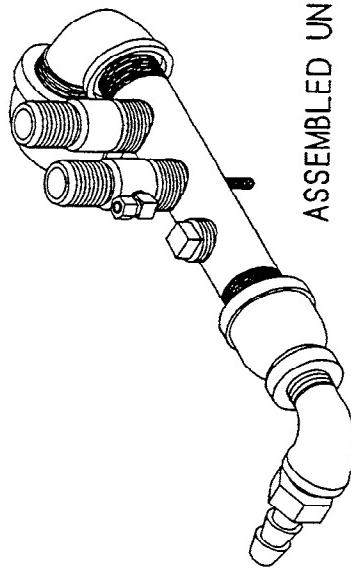
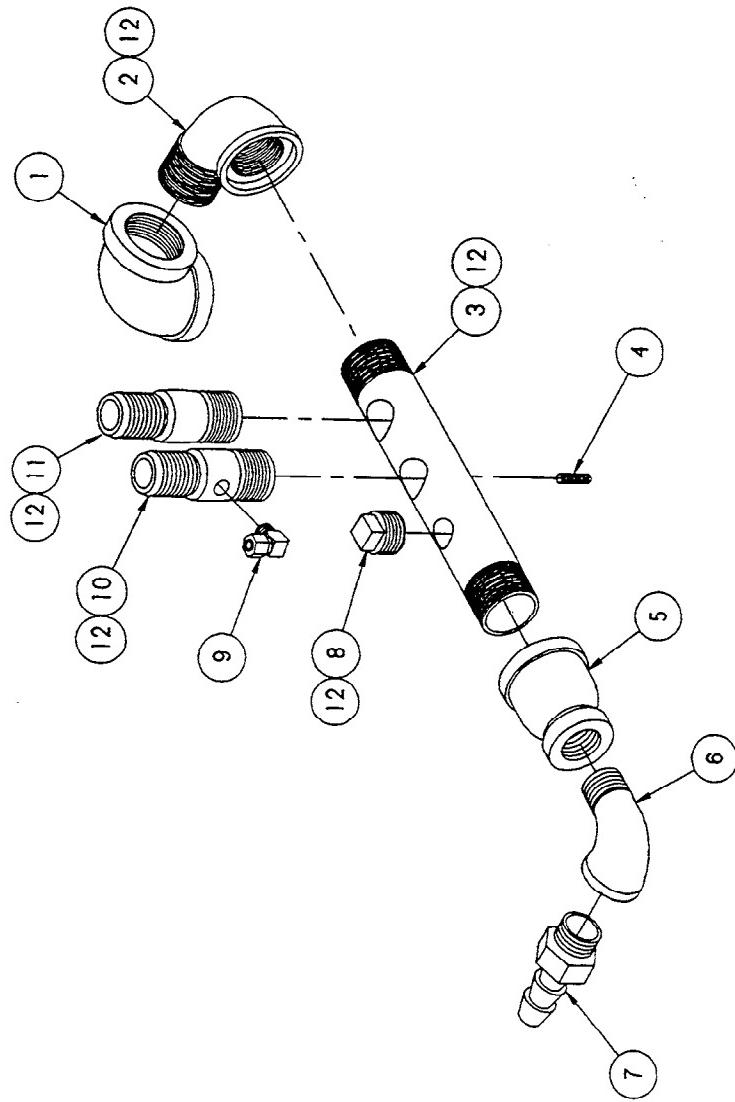


LET.	REVISIONS	DATE	EY
A	P/N 03816 A-06206 OMITTED AND P/N 03815 ADDED PER E.O. 1C-2448	08-21-93	PD
B	P/N 055191 WAS P/N 1481, ADDED P/N 105181 & NOTES FOR E01C-2554	1-25-94	EAG

ITEM	QTY.	PART NO.	DESCRIPTION		
			TOLERANCES in. ± .001	DECIMAL SCALE	DRAWN BY
10	A/R	00934	SEALANT, REVERSEAL		
9	1	08192	FITTING, COOP. 1/4 T X 1/3 NPT 90°		
8	1	105187	FITTING, COOP. BURB 90° 1/2" NPT X 1/4" H		
7	2	585191	FITTING, BURSE-DRAIN MANIFOLD W/ 1/2" NPT		
6	1	08209	FITTING, COOP. 3/4 T X 3/4 NPT, 90°		
5	1	03058	CUP PIPE, 1-1/2" MALLEABLE IRON		
4	1	19917	STUD, WELD 1/4-20 X 7/8" S/S		
3	1	13262	MANIFOLD, DRAIN 1-1/2" NPT, BLACK		
2	1	05238	ELBOW, STREET, 1-1/2" NPT X 90°, BLACK		
1	1	05238	ELBOW, 1-1/2" NPT X 90°, BLACK		
REV. B					
<b>CLEVELAND RANGE, INC.</b>					
1333 East 179th St., Cleveland, Ohio 44110-2374					
APPROVED BY					
DUTCHMAN					
TITLE					
DRAIN, MANIFOLD ASSEMBLY					
24GM					
DATE					
C - 42750					
10-04-91					

THIS DESIGN DESCRIBES A PROPRIETARY ITEM  
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LET.	REVISIONS	DATE BY
-	PRODUCTION RELEASE E.O. 4C-1894	08-22-91 P.D.
A	P.N. 14317 & 20205 QUITTED AND P.N. 08240 WAS QTY. OF 2 PER E.O. 4C-246	08-22-93 P.D.



ASSEMBLED UNIT

12	A/A	00934	SEALANT, RECTORSEAL
11	1	14461	FITTING, BARB 1" H X 1" NPT S/S
10	1	585191	FITTING, HOSE, DRAIN MANIFOLD W/ 1/8" HOLE
9	1	081922	FITTING, COMP. 1/4" T X 1/8" NPT 90°
8	1	16808	PLUG, SQ. HEAD, 3/4" PIPE, BLACK
7	1	08240	FITTING, HOSE, BARB 3/4" H X 3/4" NPT
6	1	05259	ELBOW, STREET 3/4" H X 3/4" NPT
5	1	03616	COUPLING, RED. 1-1/2" X 3/4", BLACK
4	1	19917	STUD, WELD 1-1/2"-20 X 7/8", S/S
3	1	13252	MANIFOLD, DRAIN 1-1/2" NPT, BLACK
2	1	05792	ELBOW, STREET 1-1/2" NPT X 90°, BLACK
1	1	05238	ELBOW, 1-1/2" NPT X 90°, BLACK
			ITEM QTY. PART NO. DESCRIPTION

TOLERANCES (apply to notes)	CLEVELAND RANGE INC. 1333 East 179th St., Cleveland, Ohio 44110-2574		
DECIMAL	SCALE	DRAWN BY	APPROVED BY
1 1/4"	1/2"	P. J. D.	
ANGULAR			
1 1/4"	380CSM/SM, 380GAL/LG, 380CE, 380CSM		
CK	DATE 08-13-91	DRAWING NO. C -	REV. A

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**REVISIONS**

A	ADDED PN 10889, PN 2110 GAS - QTY 24, PN 10890 QTY 14401 - PN 12751 WAS 12751 E.O. KC-2019	DATE 10-14-93 REV B 35-26-94 LC
---	--	---------------------------------------

**NOTES:**

- PROPANE UNITS ONLY USE ITEMS INDICATED IN ADDITION TO CALLED OUT ITEMS USED WITH PROPANE ARE NOT SHOWN FOR CLARITY.

**SEE NOTE I**

**ASSEMBLED VIEW**

**REF**

**ITEM ONLY PART NO.**

**REMOVED**

**DETAIL A**

**NOTES:**

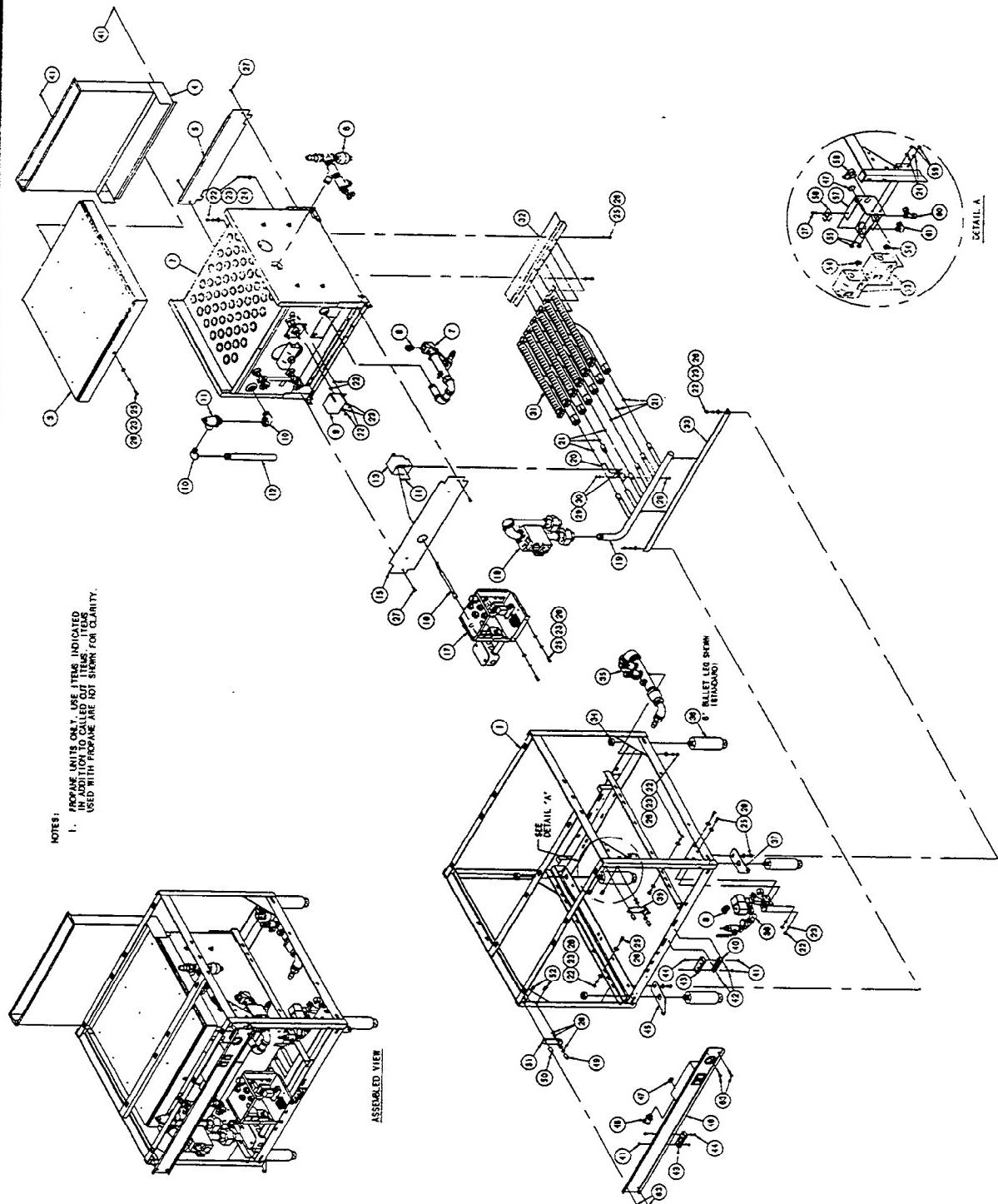
1. PROPANE UNITS ONLY. USE ITEMS INDICATED IN ADDITION TO CALLED OUT ITEMS. ITEMS USED WITH PROPANE ARE NOT SHOWN FOR CLARITY.

ASSOCIATION OF YOUNG

LET.	REVISIONS	DATE	BY
A	ADDED P/N 104896, P/N 23110 WAS	05-20-91	EBC
-	P/N 104894 WAS 1-1485		
-	P/N 12131 WAS 10491 E.O. AC-2843		

**NOTES:**

- 1. PROPANE UNITS ONLY. USE ITEMS INDICATED IN ADDITION TO CALLED OUT ITEMS. ITEMS USED WITH PROPANE ARE NOT SHOWN FOR CLARITY.

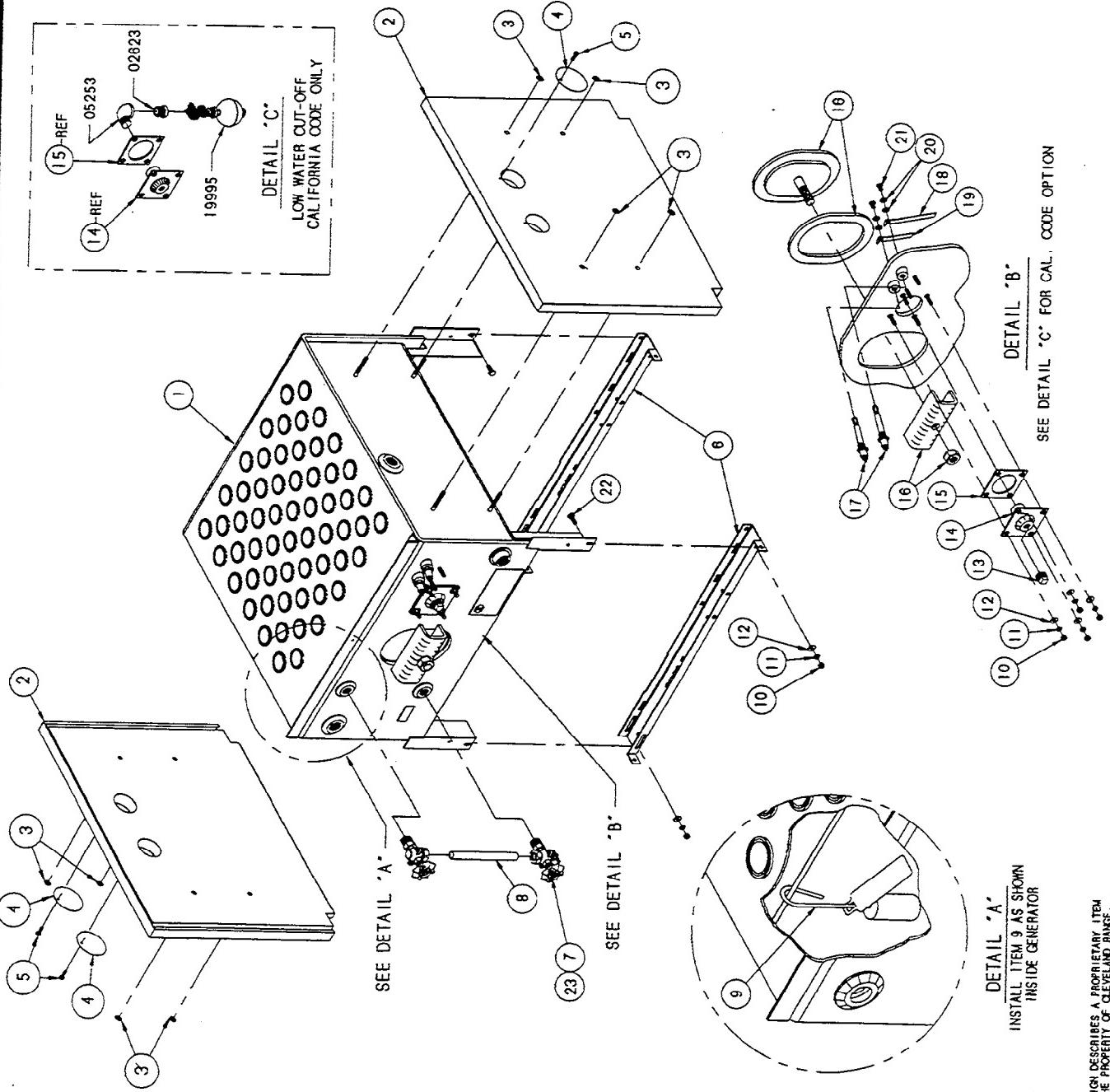
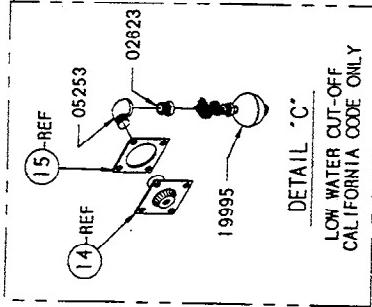


TO  
THE  
ADVISORY  
COMMITTEE  
ON  
THE  
APPROVAL  
OF  
THE  
TREATY  
OF  
WORLD  
COUNCIL

REF. NO. DATE BY

REVISIONS

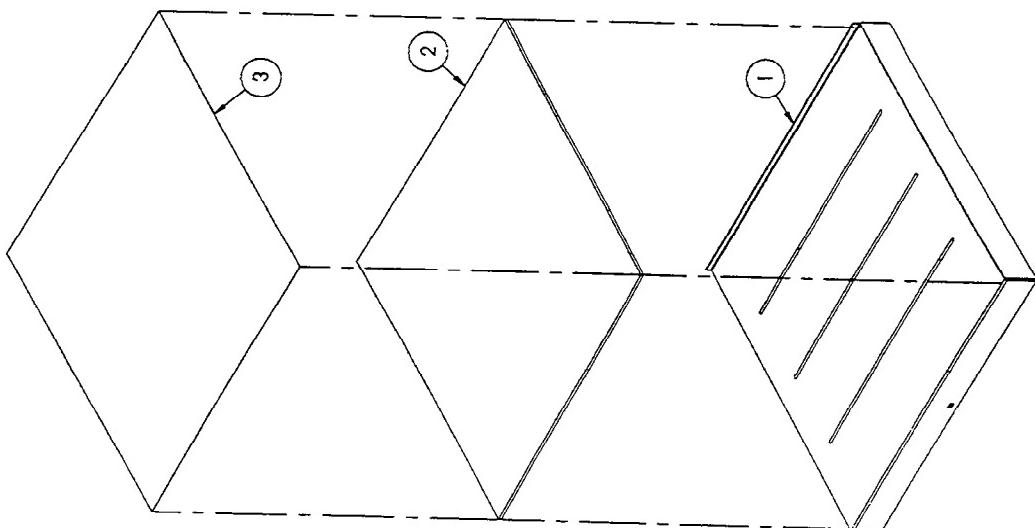
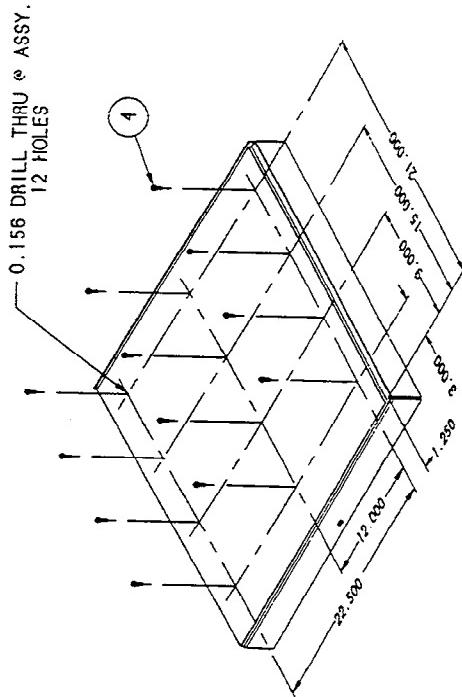
LET



NO.	QTY.	DESCRIPTION
23	1/4	00834 SEALANT, RECTORSEAL
22	4	19286 SCREW, HEX HEAD, 1/4-20 X 3/8 S/S
21	2	19218 SCREW, HEX HEAD, 1/4-20 X 3/8 S/S
20	4	23151 WASHER, INTERNAL TOOTH LOCK, 1/4
19	1	62452 EXTENSION, WATER PROBE 1/2 X 3-1/8
18	1	62453 EXTENSION, WATER PROBE, 1/2 X 4-5/8
17	2	18871 PROBE WARRIOR, 4-5/16" LG
16	1	40421 HAND HOLE PLATE & BAR ASSM
15	1	07128 GASKET, HEATER
14	1	41913 PLATE, MOUNTING
13	1	10802 PLUG, SQUARE 1/2 PIPE, BLACK
12	8	23116 WASHER, FLAT, 1/4 S/S
11	6	23105 WASHER, SPLIT LOCK, 1/4 S/S
10	8	14618 NUT, HEX, 1/4 - 20 S/S
9	1	43855 ANODE ASSY CORROSION PREVENTIVE
8	1	07302 GAUGE, WATER 5/8 X 6, GLASS
7	1	07178 GAUGE FITTINGS, WATER, 1/2"
6	2	89907 SUPPORT, GEN MIG CHANNEL 9000/OSOM
5	3	19116 SCREW, HEX WASH HD, 110 X 1/2
4	3	105530 DISK, HOLE COVER, SIDE INSUL. PANEL
3	8	14283 FASTENER, PUSHNUT, 1/4" STUD DIA.
2	-	1009802 PANEL, INSULATION ASM, RI/AT LP
1	1	100980 PANEL, INSULATION ASM, RI/AT NAT GAS
		407431 GENERATOR ASSY, GAS-HELDMENT
NO.	QTY.	DESCRIPTION

TOLERANCES (REF. 14-900)	CLEVELAND RANGE INC.
DECIMAL	1333 East 119th St., Cleveland, Ohio 44110-2514
SCALE	1/16 DRAWN BY GRIEVES APPROVED BY HLT
INCHES	TITLE GAS GENERATOR ASSEMBLY PARTS
FEET	5/8 BURNER, W/ REFERENCE PARTS
NO.	DATE 10-14-93 DRAWING NO. C-407431 WP REV. -

REF.	REVISIONS	DATE BY
A	ITEM 4 WAS PN 19281 E.O. C-1580	7-7-89 DP
B	REDRAWN & UPDATED PER I.O.M.	2-07-91 EAG
	E.O. # C-2558	

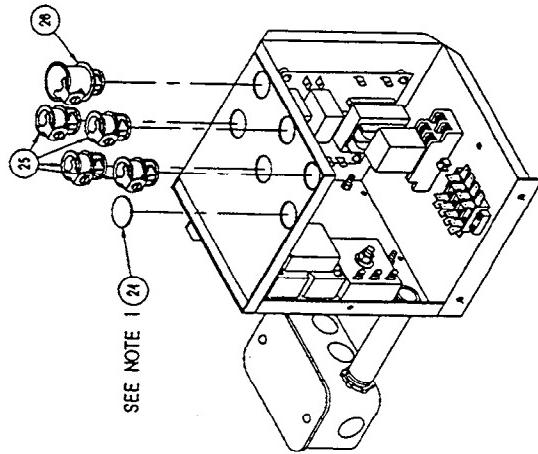


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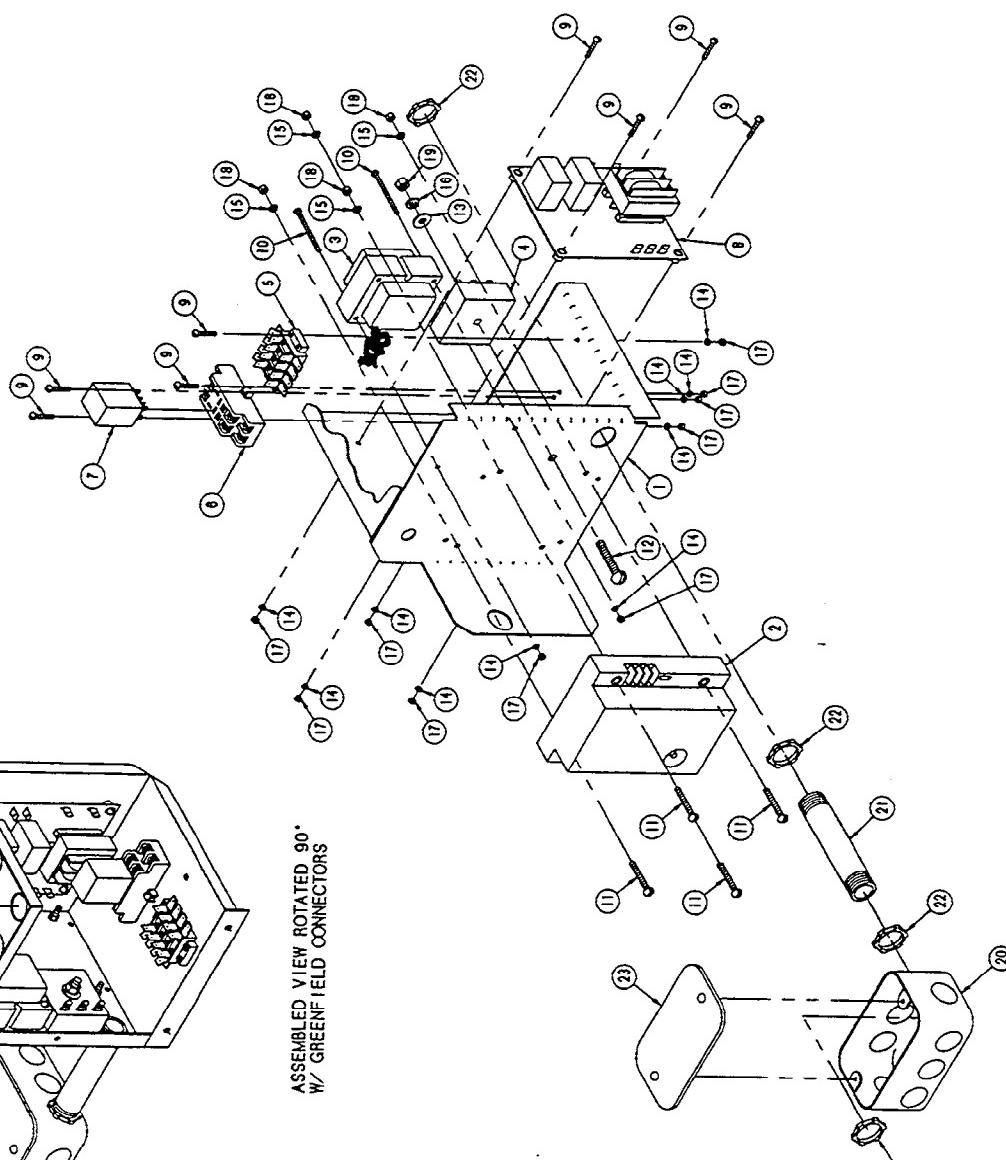
4	12	19116	SCREW, HEX HEAD WASH. STD. #10 x .15
3	1	1011171	PANE., INSULATION, 5 & 6 BURNER
2	1	1011181	INSULATION, 5 & 6 NUMBER
1	1	1009171	COLLECTOR, TOP FLUE, LARGE GAS
ITEM CITY: PLANT ID:		CLEVELAND RANGE INC.	
TO: FRAMES Upper Service		SCALE: DRAWN BY W. EINZIGER 3/16 AS	APPROVED BY
A/N/A		TIME: 10:00 AM	
TODAY			
A/N/A			
CK		DATE: 5-14-87	DRAWING NO: C - 10C
			REV: 6

## NOTES:

1. REMOVE P/N 19329 WHEN CAL. CODE / LIMCO IS USED (SEE B.O.M. FOR APPROPRIATE CONNECTOR).



ASSEMBLED VIEW ROTATED 90°  
W/ GREEN FIELD CONNECTORS



LET. REVISIONS

DATE BY

26	1	103246	CONNECTOR, GREENFIELD, 1/2" SHROTTITE	
25	4	103243	CONNECTOR, GREENFIELD, 3/8" SHROTTITE	
24	1	19329	PLUG, SHR-IN, 1/2" FOR 7/8" NLE	
23	1	02368	COVER, INNO-BOX	
22	4	14814	NUT, LOCK, 1/2". ELECTRICAL	
21	1	14534	HIPPLE, 1/2" X 1/4", BLACK	
20	1	92301	BOX, INNO-BOX, ELECTRICAL	
19	1	14618	NUT, HEX, 1/4-20, SS, FULL FINISH	
18	4	14598	NUT, HEX, 6-32, ZINC PLATED	
17	10	14974	NUT, HEX, 6-32, ZINC PLATED	
16	1	23105	WASHER, SPLIT LOCK, 1/4", SS	
15	4	101327	WASHER, INTERNAL TOOTH LOCK, 1/8"	
14	10	23111	WASHER, INTERNAL TOOTH LOCK, 1/8"	
13	1	23116	WASHER, FLAT, 1/4" ID X .065" THK	
12	1	19285	SCREW, ROUND HEAD, SLOTTED, 8-32 X 1.25"	
11	8	19150	SCREW, ROUND HEAD, SLOTTED, 8-32 X 1.25"	
10	4	19149	SCREW, ROUND HEAD, SLOTTED, 8-32 X 1.75"	
9	2	19163	SCREW, ROUND HEAD, SLOTTED, 8-32 X 1.75"	
8	1	23190	CONTROL, WATER LEVEL	
7	1	03324	RELAY, 120 V, 10A@80Hz, AC, DPDT	
6	1	03525	SOCKET, RELAY	
5	1	44184	TERMINAL BLOCK ASH - 4 POLE, GAS UNITS	
4	1	20478	TIMER, SOLID STATE, INTERVAL, 3 MINUTE	
3	1	20258	TRANSFORMER - SPARK IGNITION SUPPLY	
2	1	03546	CONTROL, NOZZLE, DIRECT SPARK IGNITION	
1	1	44139	BOX, WELDMENT, ELECTRIC FOR GAS, 2 PROBE	
			ITEM QTY. PART NO.	DESCRIPTION

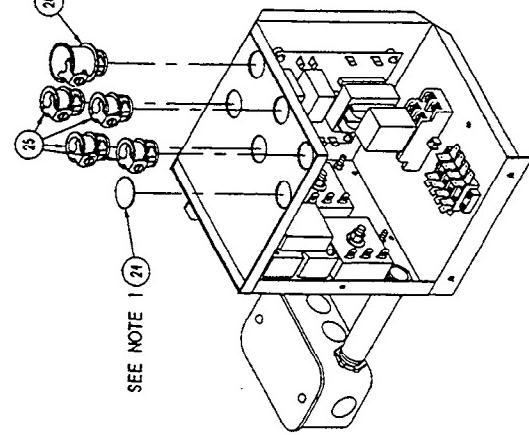
MANUFACTURED  
BY CLEVELAND RANGE INC.  
1333 East 17th St., Cleveland, Ohio 44110-214  
DRAWN BY E.GREVES APPROVED BY  
TITLE KELDON  
I.N.V.A.  
DATE 2-15-94 DRAWING NO. C - 10092901 REV. -

THIS DESIGN DESCRIBES A PROPRIETARY ITEM  
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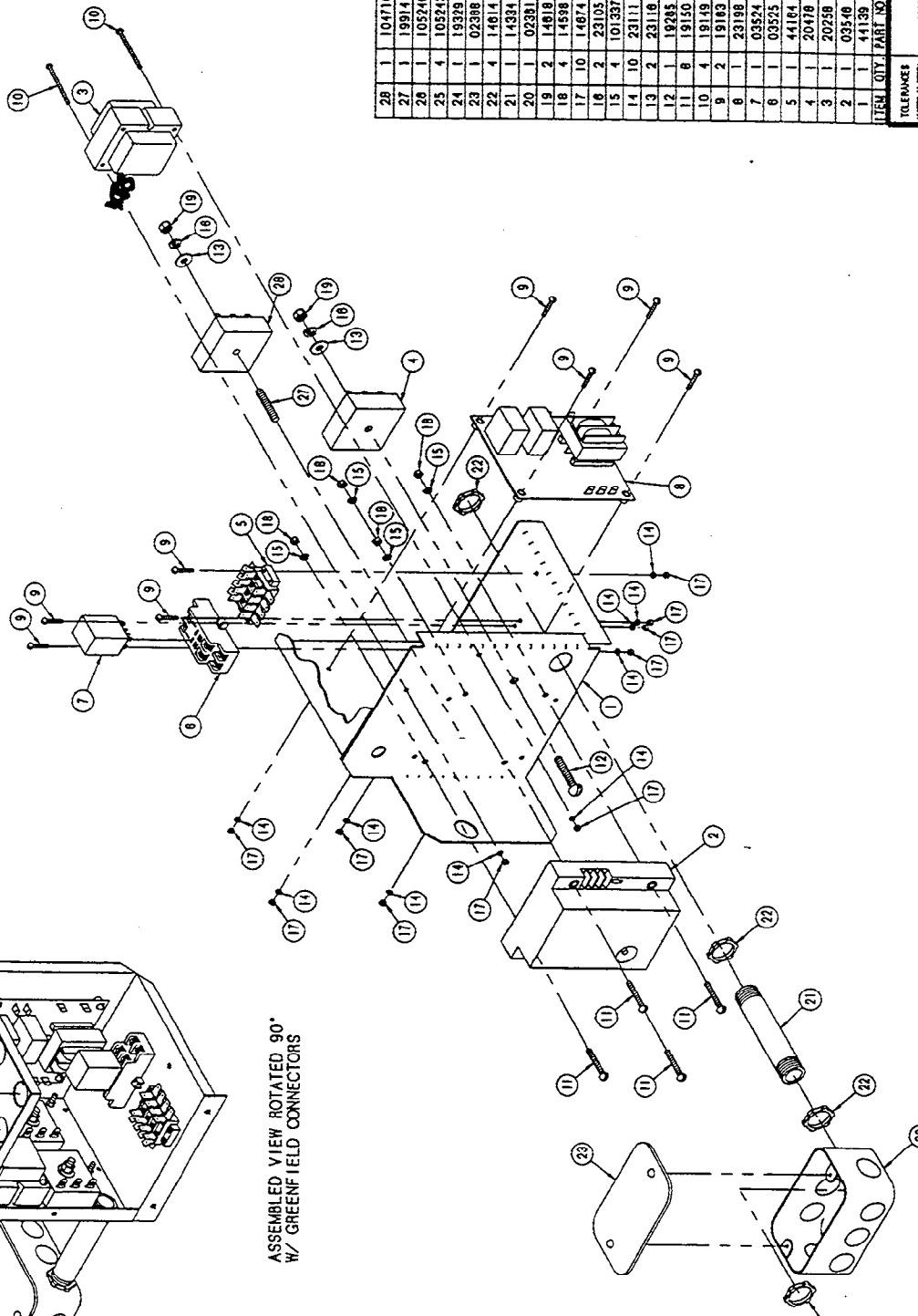
LET. \_\_\_\_\_ REVISIONS \_\_\_\_\_ DATE BY \_\_\_\_\_

NOTES:  
1. REMOVE P/N 19329 WHEN CAL. CODE / UWC 15  
USED (SEE B.O.M. FOR APPROPRIATE CONNECTOR).

SEE NOTE 1 (21)



ASSEMBLED VIEW ROTATED 90°  
W/ GREENFIELD CONNECTORS

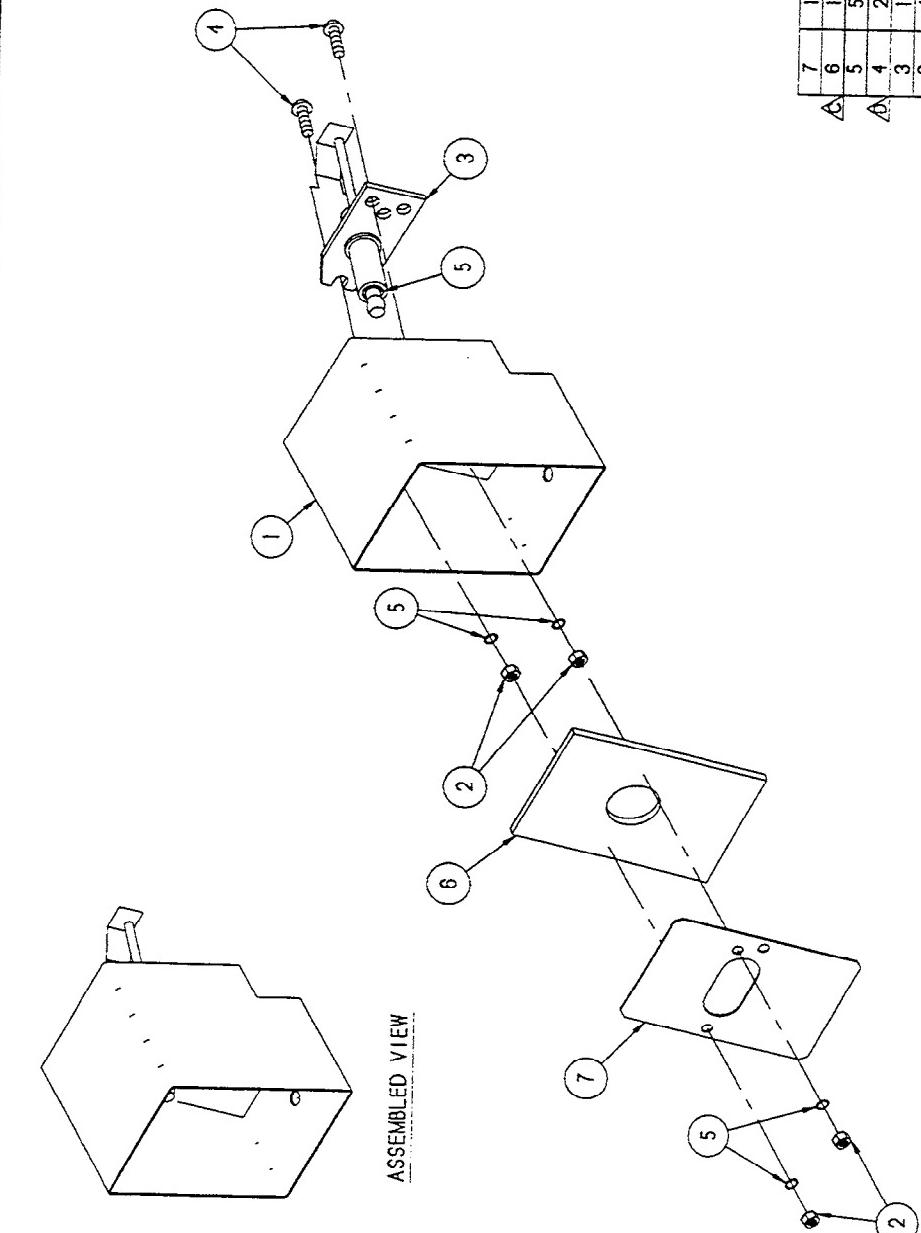


ITEM NO.	QTY.	PART NO.	DESCRIPTION
28	1	104716	TIMER, RECYCLING, GENERATOR MANDARIN
27	1	19914	STAB, WELD, STILE E, 1/4-20 X 1-1/2, S/S
28	1	105246	CONNECTOR, GREENFIELD, 1/2" SNOWITE
25	1	105243	CONNECTOR, GREENFIELD, 3/8" SNOWITE
24	1	19329	PLUG, SNAP-IN, 1/2" FOR 1/4" FILE
23	1	023886	COVER, HANDI BOX
22	4	14614	NUT, LOCK, 1/2", ELECTRICAL
21	1	14341	HIPPLE, 1/2" - 4", BLACK
20	1	023811	BOX, HANDI-BOX, ELECTRICAL
19	2	14618	NUT, HEX, 1/4-20, SS, FULL FINISH
18	4	145386	NUT, HEX, 8-32, ZINC PLATED
17	10	14614	NUT, HEX, 8-32, ZINC PLATED
16	2	23105	WASHER, SPLIT LOCK, 1/4", S/S
15	4	101337	WASHER, INTERNAL TOOTH LOCK, 9/16"
14	10	231111	WASHER, INTERNAL TOOTH LOCK, 1/8"
13	2	23116	RELAY, FLAT, 1/4" x .085", 12V
12	1	192285	SCREW, ROAD HEAD, 1/4-20 x 1-1/2", S/S
11	6	191150	SCREW, ROAD HEAD SLOTTED, 8-32 x 1-3/8"
10	4	19119	SCREW, ROAD HEAD SLOTTED, 8-32 x 1-7/8"
9	2	191183	CONTACT, WATER LEVEL
8	1	23198	TRANSFORMER, 50/60Hz, AC, DROPT
7	1	03524	SOLID STATE RELAY, 120 V, 50/60Hz, AC
6	1	03525	SOLID STATE RELAY
5	1	44164	TERMINAL BLOCK ASM, 4 POLE, GAS UNITS
4	1	204178	TIME, SOLID STATE INTERVAL, 3 MINUTE
3	1	20258	TRANSFORMER - SPARK IGNITION SUPPLY
2	1	03546	CONTROL, ACUDE, DIRECT SPARK IGNITION
1	1	14139	BOX, WELDMENT, ELECTRIC FOR GAS, 2 PROBE
ITEM QTY.	PART NO.	DESCRIPTION	REMARKS

DATE	DRAWING NO.	REVISED BY	APPROVED BY
10/16/1974	C-10092902	E. GRIEVES	J. BOE
10/16/1974	C-10092902	E. GRIEVES	J. BOE
10/16/1974	C-10092902	E. GRIEVES	J. BOE
10/16/1974	C-10092902	E. GRIEVES	J. BOE

THIS DESIGN DESIGN  
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WITHOUT THE APPROVAL  
OF CLEVELAND RANGE.

LET.	REVISIONS	DATE	BY
A	I WAS C-44097	1-24-84	NEAL
B	ITEM I WAS C-52823, ECON 1054	3-6-86	DP
C	ADD P/N B-00314 FOR ITEM 6	3-12-86	DP
D	REDRAW WAS C SIZE P/N 19163 WWS 2-7-94	EAC	
	19259, E.O. C-2558		

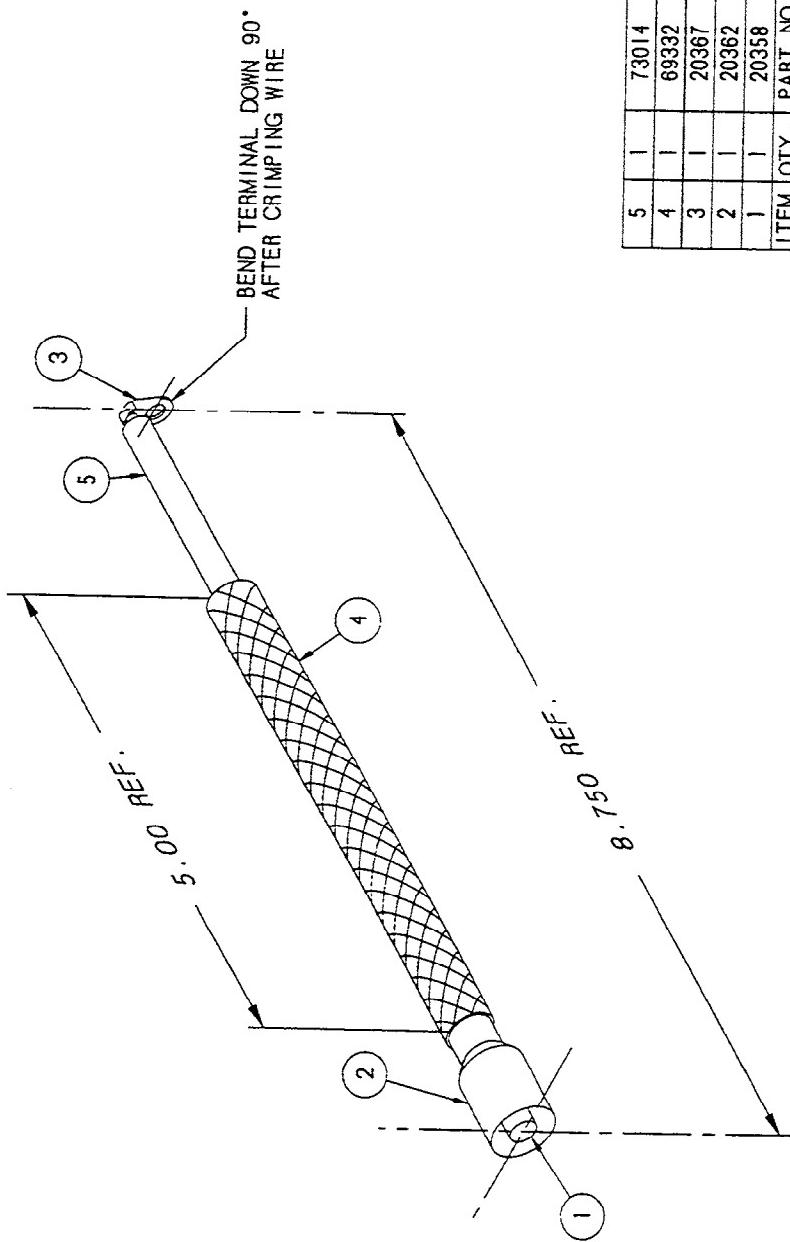


7	1	68149	RETAINER, INSULATION
6	1	100314	INSULATION, IGNITOR BOX
5	5	23111	WASHER, LOCK, INTERNAL TOOTH, #6
4	2	19163	SCREW, #6-32 X .75" LG.
3	1	05101	ELECTRODE, COMBINATION IGNITOR/SENSOR
2	4	14674	NUT, #6-32, HEX
1	1	52808	BOX, IGNITOR, GEN. GAS, 2 PROBE
			PART NO. PART NO.

TOLERANCES EXCEPT AS NOTED	CLEVELAND RANGE INC.		
	1333 East 179th St., Cleveland, Ohio 44110-2574		
DECIMAL ± N/A	SCALE 5\8=1	DRAWN BY E.LAWRENCE	APPROVED BY E.HENDESS
ANGULAR ± N/A	TITLE BOX ASM, IGNITOR		
CK	DATE 12-6-94	DRAWING NO. B - 44096	REV. D

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LET.	REVISIONS	DATE	BY
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ITEM	QTY.	PART NO.	DESCRIPTION
5	1	73014	WIRE, RADIX, 9° LONG
4	1	69332	SLEEVE, FIBERGLASS 5° INSULATING
3	1	20367	TERMINAL RING #6, NON-INSULATED
2	1	20362	INSULATOR, RED SILICONE
1	1	20358	TERMINAL, IGNITION CABLE

## TOLERANCES

(EXCEPT AS NOTED)

1333 East 179th St. Cleveland, Ohio 44110-2574

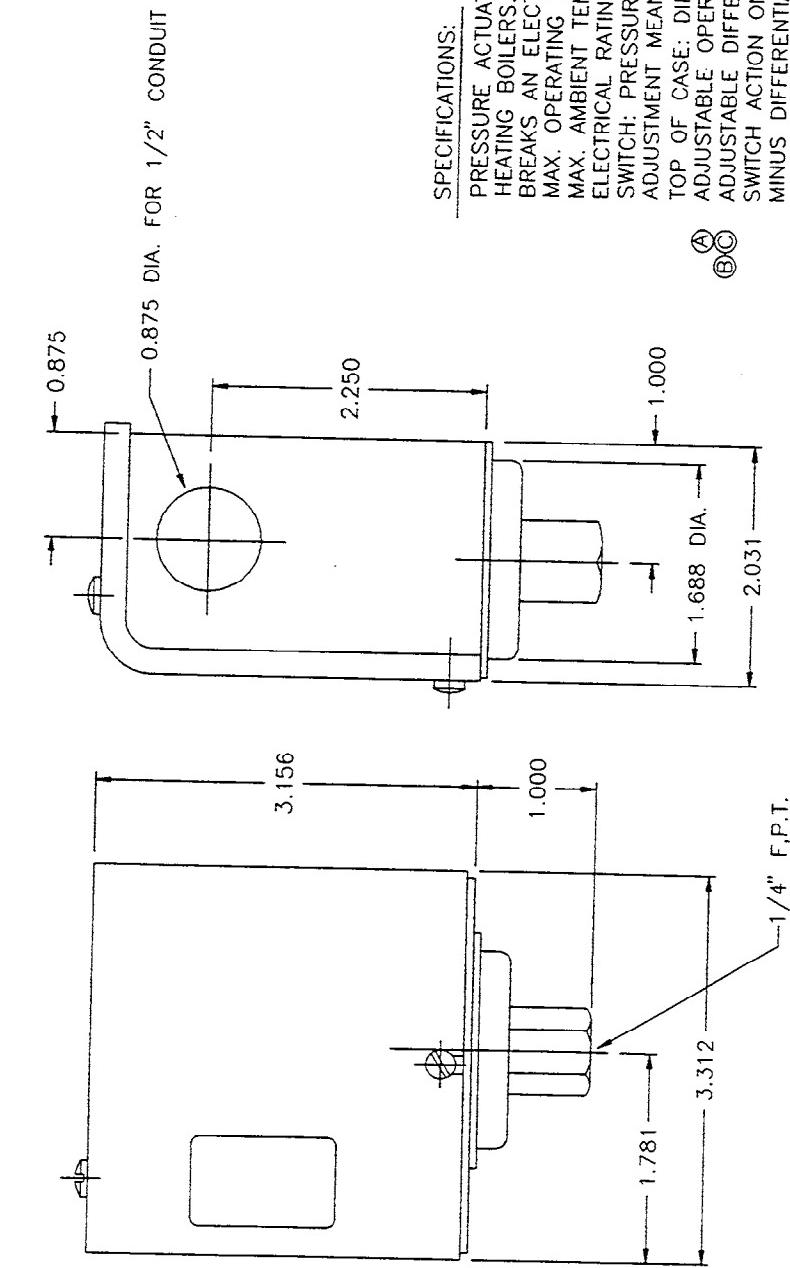
SCALE: 1=1 DRAWN BY E. GRIEVAS APPROVED BY

TITLE: CABLE, IGNITION ASSEMBLY

DATE: 11-09-93 DRAWING NO. B - 44169 REV. -

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LET.	REVISIONS	DATE	BY
A	REVISED ADJ. OPERATING RANGE SPEC.	11-28-84	RMC
-	- WAS: 0.5 TO 9 PSI,	-	-
B	- WAS: ADDITIVE DIFFERENTIAL	-	-
C	- WAS: ADJ. DIFFERENTIAL: 1 TO 5 PSI, EO FC-2276	07-07-86	TS
D	MODEL NO. WAS PA404A (SUBTRACTIVE DIFFERENTIAL) EO. #2276RI	07-31-92	RPF
		10-13-92	NLT



SPECIFICATIONS:

PRESSURE ACTUATED HIGH LIMIT SAFETY CONTROL FOR STEAM HEATING BOILERS.  
 BREAKS AN ELECTRICAL CIRCUIT ON PRESSURE RISES.  
 MAX. OPERATING PRESSURE: 20 PSI  
 MAX. AMBIENT TEMPERATURE: 150° F.  
 ELECTRICAL RATING: 8.0 F.L.A. AT 120V. AC  
 SWITCH: PRESSURE ACTUATED SPST, SNAP-ACTION  
 ADJUSTMENT MEANS: OPERATING RANGE SET POINT-SCREW ON TOP OF CASE; DIFFERENTIAL SET POINT-DIAL INSIDE OF CASE.  
 ADJUSTABLE OPERATING RANGE: 3 TO 15 PSI.  
 ADJUSTABLE DIFFERENTIAL: 1 TO 5 PSI; FACTORY SET AT 1 PSI.  
 SWITCH ACTION ON PRESSURE FALL: MAKES AT SET POINT MINUS DIFFERENTIAL.  
 SWITCH ACTION ON PRESSURE RISE: BREAKS AT SET POINT.  
 MOUNTING MEANS: 1/4" FEMALE PIPE THREADS

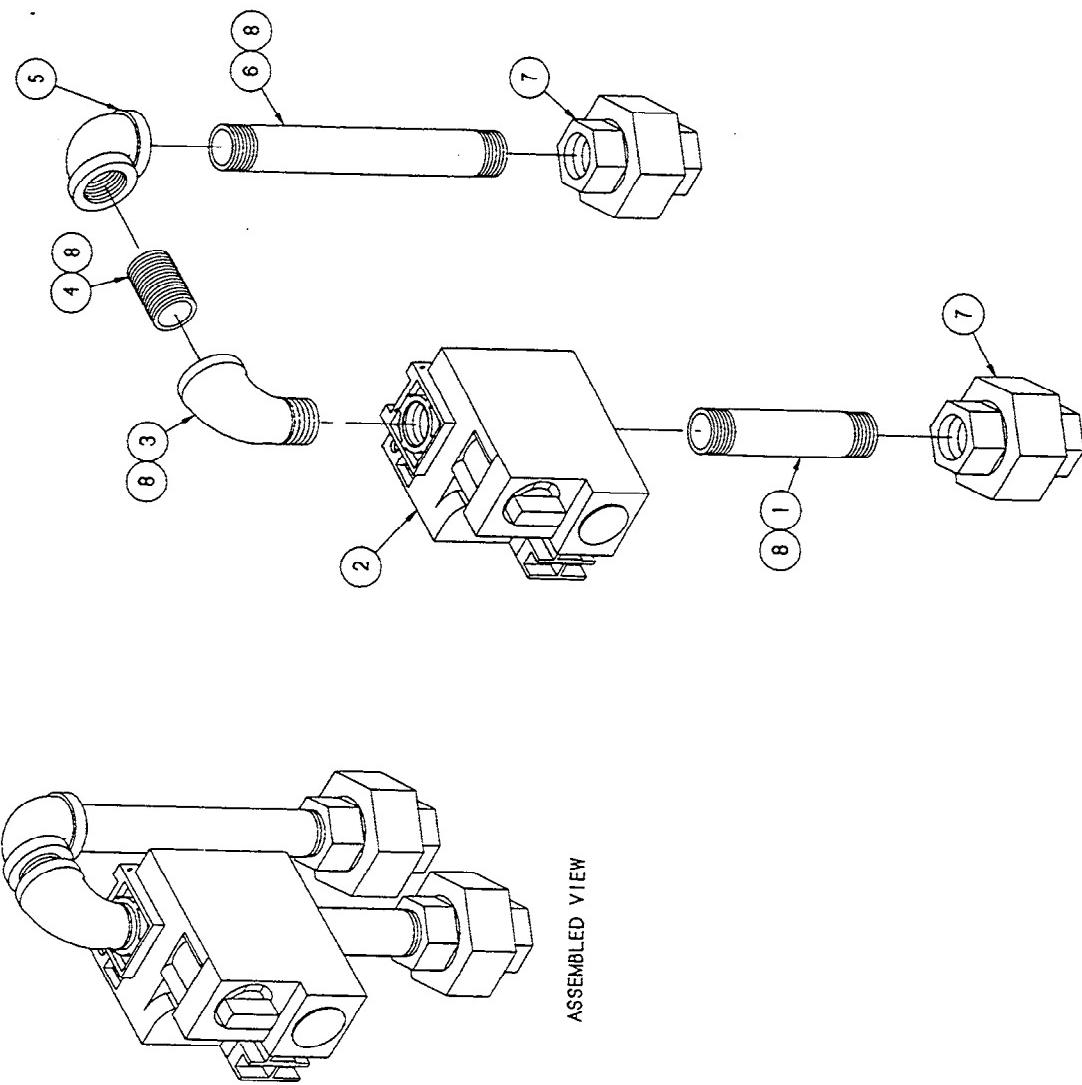
APPROVED SOURCE

1. HONEYWELL  
 U.L. MODEL NO. PA404A-1066      ①  
 U.L. FILE NO. MP466  
 C.S.A. FILE NO. LR1620

ITEM	QTY	PART NO.	DESCRIPTION
TOLEANCES (COPY AS NEEDED)			<b>CLEVELAND RANGE INC.</b> 1333 East 179th St. Cleveland, Ohio 44110-2574
DIMENSIONAL	SCALE 1=1	DRAWN BY RIB	APPROVED BY
± -	TRUE		
ANGULAR ± 1°		CONTROL, PRESSURE	
AC	DATE 09-08-76	DRAWING NO. B- 19947	REV D



LET.      REVISIONS      DATE BY



ITEM	QTY.	PART NO.	DESCRIPTION
8	A/R	00934	SEALANT, RECTORSEAL
7	2	21305	UNION, 3/4" BLACK
6	1	14362	NIPPLE, 3/4" x 7.5" LG., BLACK
5	1	05258	ELBOW, 3/4", 90°, BLACK
4	1	14343	NIPPLE, 3/4" x CLOSE, BLACK
3	1	05259	ELBOW, STREET, 90°, 3/4", BLACK
2	1	22230	VALVE, GAS CONTROL, NATURAL GAS
1	1	14347	NIPPLE, 3/4" x 3" LG., BLACK

ITEM

QTY.

PART NO.

DESCRIPTION

TOLENCES  
(EXCEPT AS NOTED)

1333 East 179th St. Cleveland, Ohio 44110-2574

SCALE  
3\8=1

DRAWN BY  
E. GRIEVES

APPROVED BY  
NLT

TITLE  
VALVE ASSEMBLY,  
NATURAL GAS- 250/300 BTU

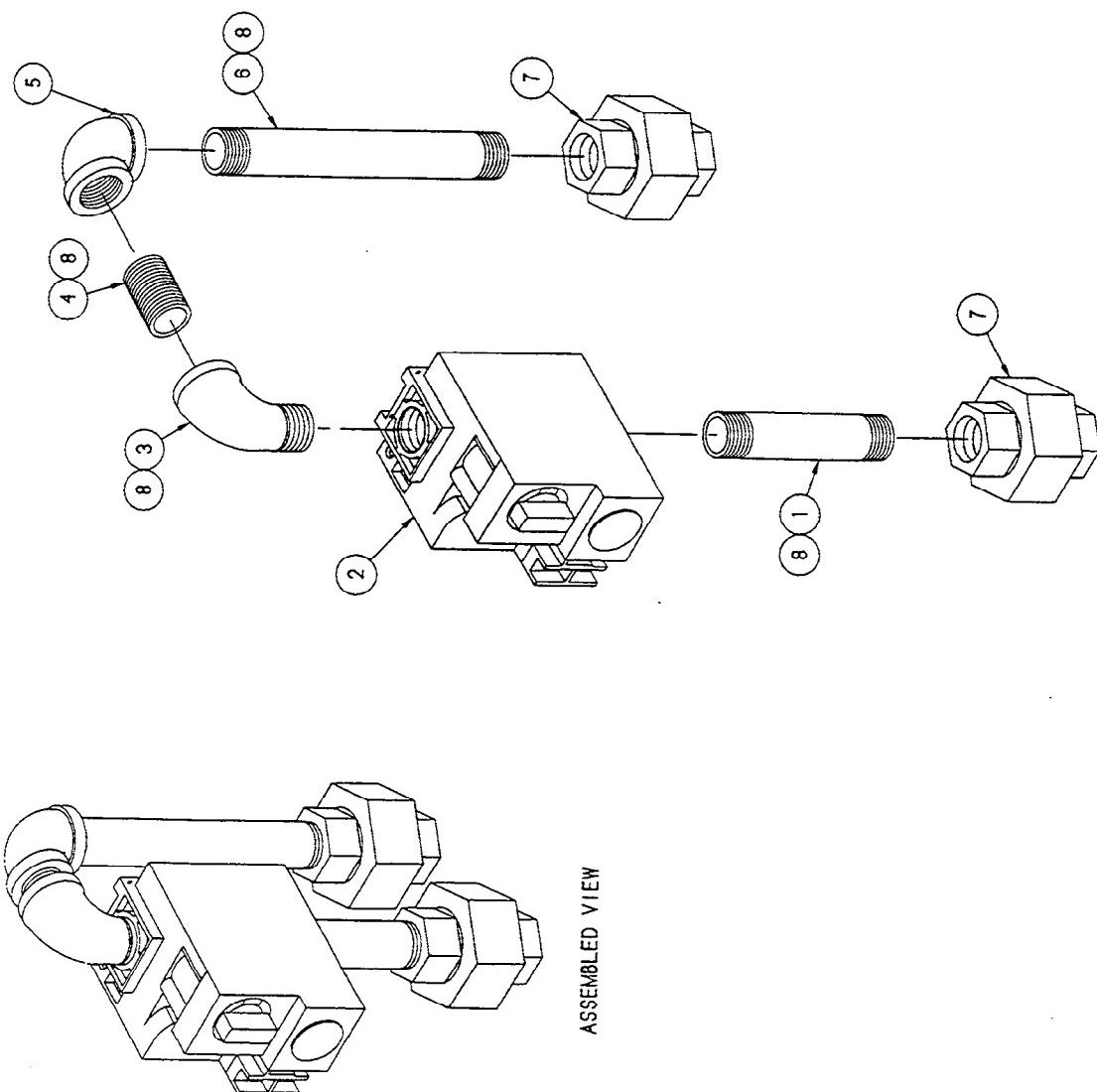
DATE  
11-08-93

DRAWING NO.  
B - 43664

REV.  
-

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LET.	REVISIONS	DATE BY
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ITEM QTY	PART NO.	DESCRIPTION
8	A/R	00934 SEALANT, RECTORSEAL
7	2	21305 UNION, 3/4", BLACK
6	1	14362 NIPPLE, 3/4" x 7.5" LG., BLACK
5	1	0258 ELBOW, 3/4" 90° BLACK
4	1	14343 NIPPLE, 3/4" x CLOSE, BLACK
3	1	0259 ELBOW, STREET, 90°, 3/4", BLACK
2	1	22231 VALVE, GAS CONTROL FOR LP
1	1	14347 NIPPLE, 3/4" x 3" LG., BLACK

TOLERANCES  
(EXCEPT AS NOTED)

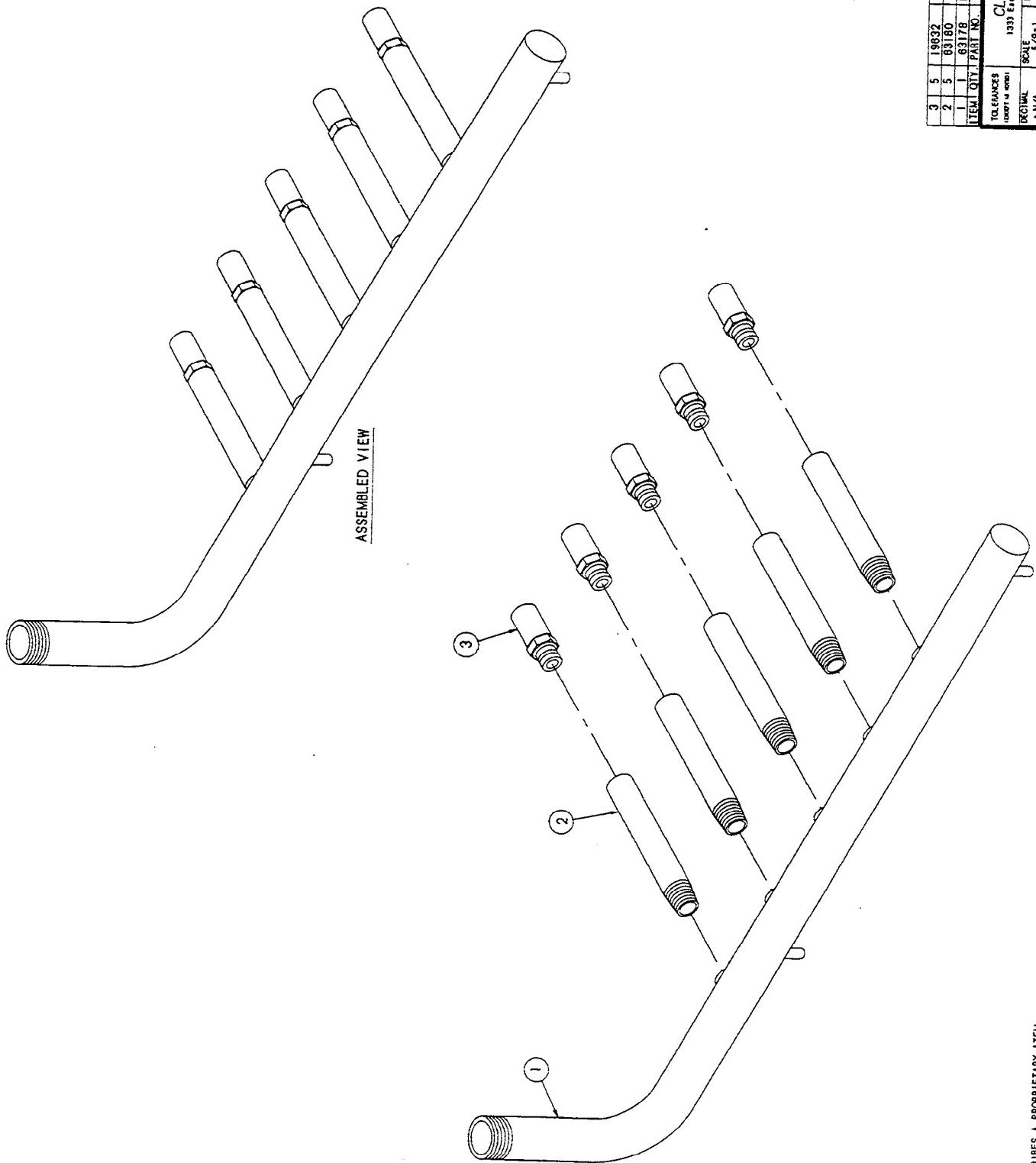
CLEVELAND RANGE INC.  
1333 East 179th St. Cleveland, Ohio 44110-2574

DECIMAL SCALE  
± N/A 3\8=1 DRAWN BY  
TITLE E. GRIEVES APPROVED BY  
ANGULAR ± N/A NL

VALVE ASSEMBLY  
LIQUID PROpane - 2F-100 BTU  
CK DATE 11-09-93 DRAWING NO. B - 43674 REV. -

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LET. DATE BY

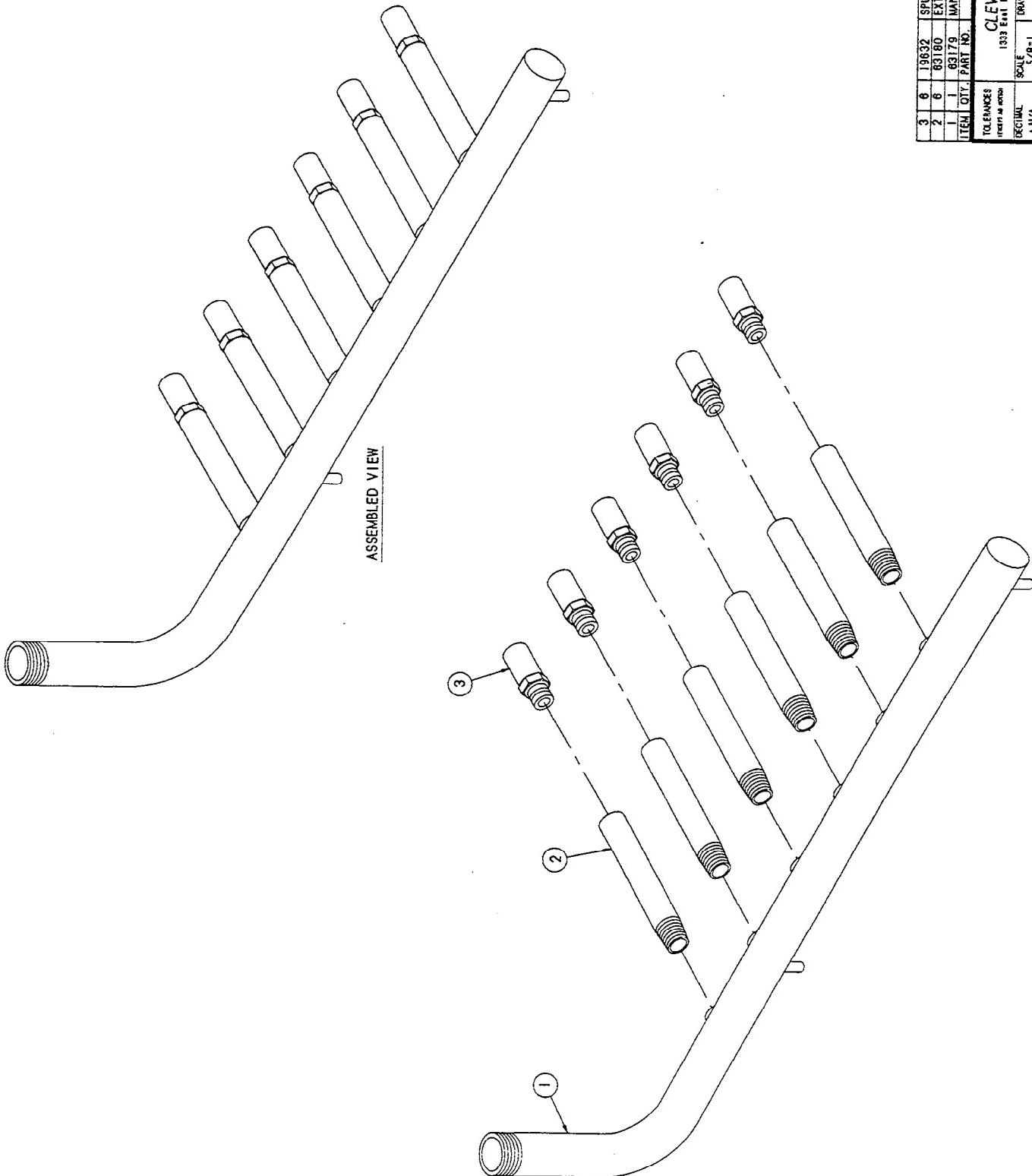


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CLEVELAND AND RANGE INC.					
ITEM QTY. PART NO. DESCRIPTION					
3	5	1932	SHOOTS, ORIFICE HOLDER	5/8"	
2	5	6310-160	EXTENSION, GAS MANIFOLD		
1	1	6311-18	MANIFOLD, TUBE, 5 BURNER, GAS		
					REV.
TOLERANCES					
1000 to 10 mils					
DECIMAL	17/32	17/32	BL. DIMENSIONS	1111-10-3314	
SOLID	5 1/2	5 1/2	DRAWN BY E. CRIVELLES	APPROVED BY M.L.T.	
N/A			TITLE	MANIFOLD, ASSM. 8/8	
ANGULAR				5 BURNER, GAS 250 KBTU	
N/A					
			DATE	11-10-93	DRAWING NO. C - 4092
OK					

REF. DATE BY

REF. REVISIONS



ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
3	8	SPUDS, ORIFICE HOLDER, 5/8"	2	6	EXTENSION, GAS MANIFOLD
1	1	63179 MANIFOLD, TUBE, 6 BURNER, GAS			

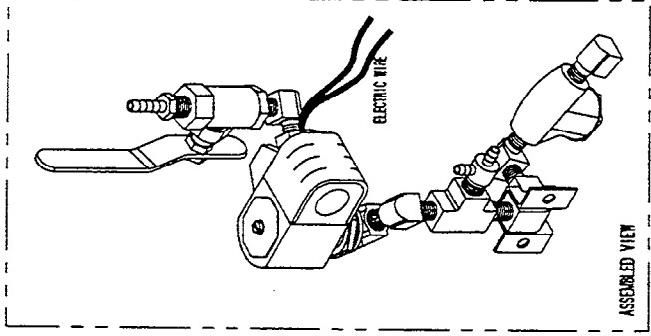
THIS DESIGN DESIGN  
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CLEVELAND RANGE, INC.	1333 East 119th St., Cleveland, Ohio 44110-2874	APPROVED BY	N.L.T.
SCALE	1/8"	DRAWN BY	E.GH
TECHNICAL	1/8"	TITLE	MANIFOLD 6 BURNER, GAS
AMERICAN	1/8"	DATE	11-16-88
INCHES		DRAWING NO.	R - 4112-2

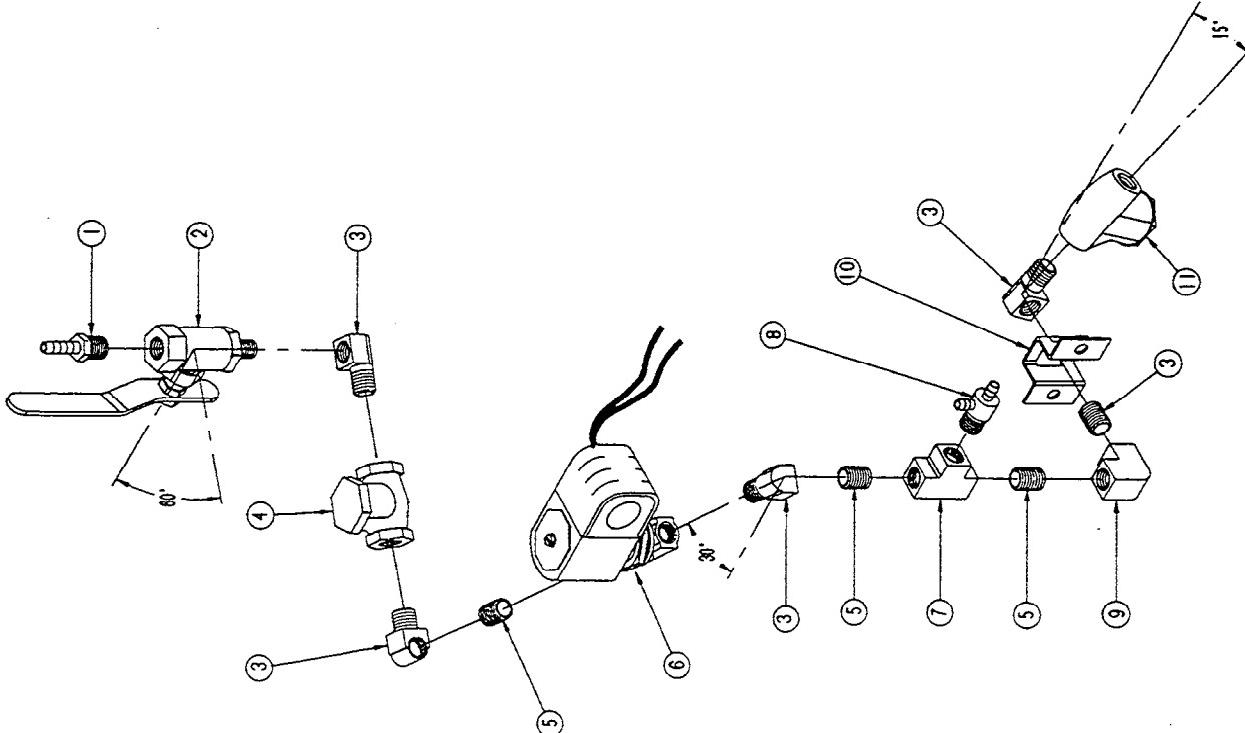
REV.

PROPRIETARY ITEM  
CLEVELAND RANGE  
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WITHOUT THE APPROVAL OF CLEVELAND RANGE.

LET	ITEM	DATE BY
G	ADDED 440702 PER E.O. C-1789	09-21-90 GS
H	P/N 08210 REMOVED FROM 440702 PER E.O. 4C-1994	08-13-91 PJD
J	P/N 08195 REMOVED FROM 440702 PER E.O. 4C-2082	1-26-91 SM
K	MOVED 440701 TO SEPARATE DRAWING (PICTORIAL ONLY) E.O. 1C-2221 RI	01-21-92 SM
L	NEW VALVE HOUSING ON P/N 22223 (PICTORIAL ONLY) E.O. 1C-2221 RI	02-04-93 PJD
M	REMOVED ASSY 440702, P/N 103681 WAS 08210, P/N 106384 WAS 08195, PER E.O. 4C-2148	08-22-93 EAG



**NOTE 1:** MOUNT PAN 100064 TO LOWER RIGHT FRONT GASSET (USE FRAME).



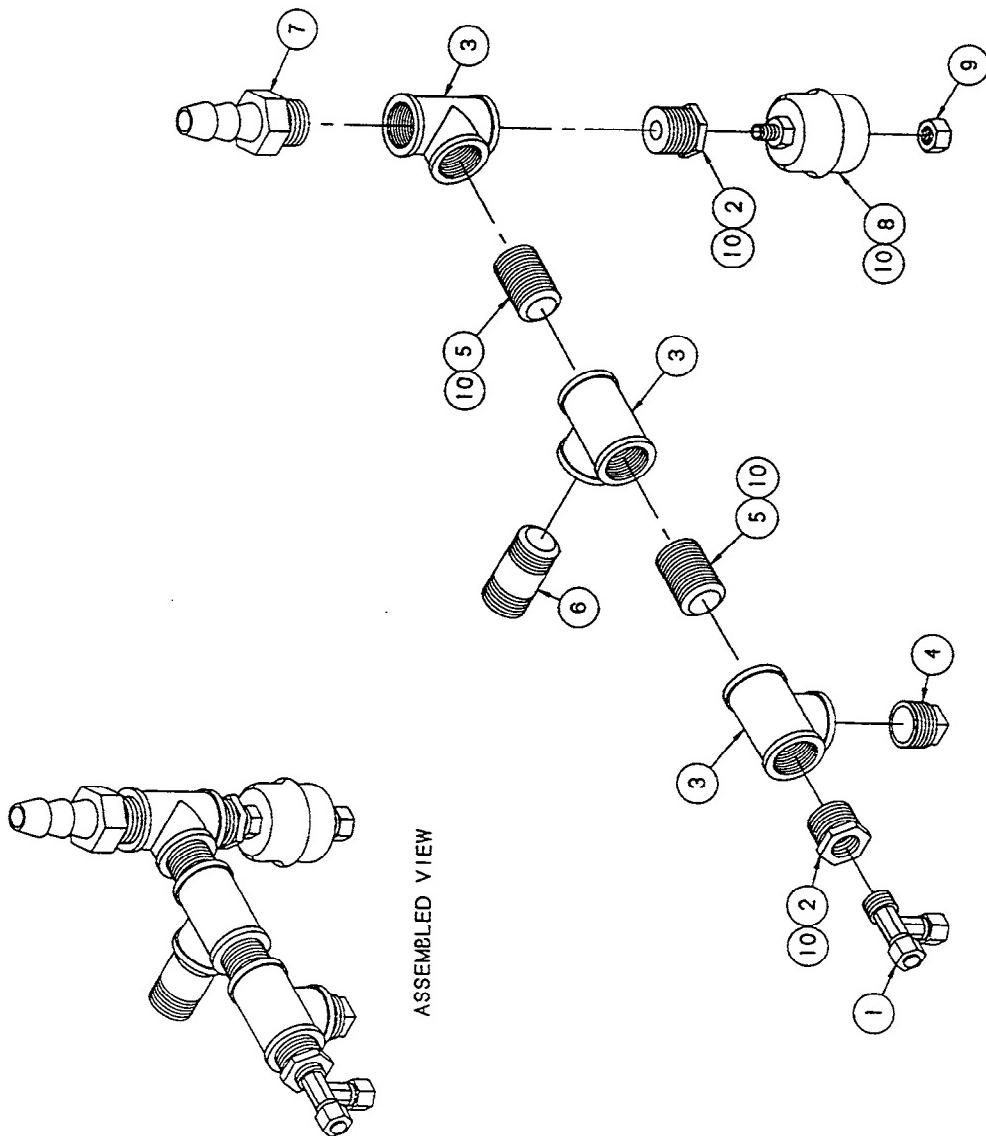
CITY	ITEM	PLATE NO.	DESCRIPTION
11	19870	STRAINER, "Y" 1/4	
10	000641	CLAMP, MOUNTING	
9	02236	ELBOW, 1/4" SAE BRASS	
8	108328	TEE, 1/4" HSE BARB	
7	20189	TEE, 1/4" BRASS	
6	22223	VALVE, BELLROD 1/4" NPT (SP200)	
4	14301	NIPPLE, 1/4" SAE BRASS	
4	22102	VALVE, CHECK 1/4" NPT	
4	02235	ELBOW, STREET 1/4" SAE BRASS	
2	02216	VALVE, BALL 1/4" NPT	
	004381	FITTINGS, ROSE 1/4" H X 1/4" PFT	
TOE ENTRANCES Item No. 00010			
DECIMAL SCALE	1/2	DRAWN BY ABDO	APPROVED BY D.S.
1	N/A	TITLE PIPING ASSY, WATER FEED	
ANGULAR	1"	CONVECTION STEAMER	
2	"	ELECTRIC, AND GAS	
OK	05-14-90	DATE DRAWING NO. C-44070	REV. M

三

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REF. NO. DATE BY

DET.

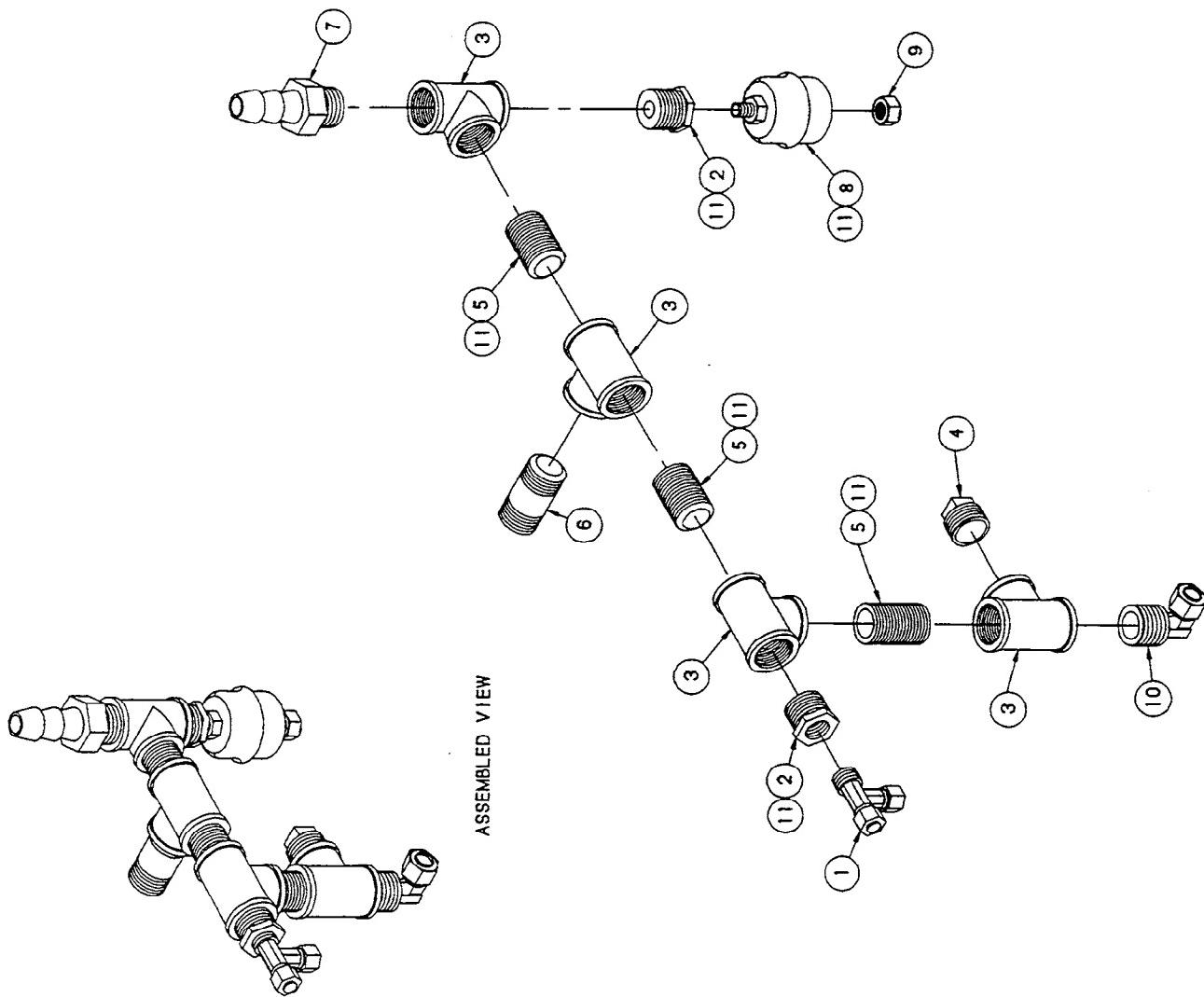


ITEM	QTY.	PART NO.	DESCRIPTION
10	1	00934	SEALANT, RECTORSEAL
9	1	14601	NJT, COMPRESSION, 1/4 TUBE, BRASS
8	1	101207	TRAP, THERMOSTATIC, 1/4" X 1/4"
7	1	08210	FITTING, HOSE BARB 3/4 HOSE X 3/4 MPT BRASS
6	1	14481	NIPPLE, 3/4 X 2, BRASS
5	2	14312	NIPPLE, 3/4 X CLOSE, BRASS
4	1	16607	PLUG, SQUARE HEAD, 3/4, BRASS
3	3	20206	TEE, 3/4 BRASS
2	2	02583	BUSHING, REDUCING, 3/4 X 1/4, BRASS
1	1	100883	FITTING, COMP. TEE 3/8T X 3/8MPT X 3/8T

TOLERANCES INSERT # 00934	CLEVELAND RANGE INC. 1333 East 179th St., Cleveland, Ohio 44110-2514		
DECIMAL	SCALE 1/2=1	DRAWN BY E. GRIEVES	APPROVED BY NLT
† N/A	ANGULAR	TITLE STEAM OUTLET A	REV. BEND GENERAL
† N/A			REV. 2
		DATE 10-10-88	DRAWING NO. 100883
			REV.

THIS DESIGN DESCRIBES  
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THE DIVISIONS OF CLEVELAND RANGE.  
WITHOUT THE APPROVAL OF CLEVELAND RANGE,  
NO PARTS OR ASSEMBLIES ARE TO BE USED.

LET. \_\_\_\_\_ REVISIONS \_\_\_\_\_ DATE BY \_\_\_\_\_



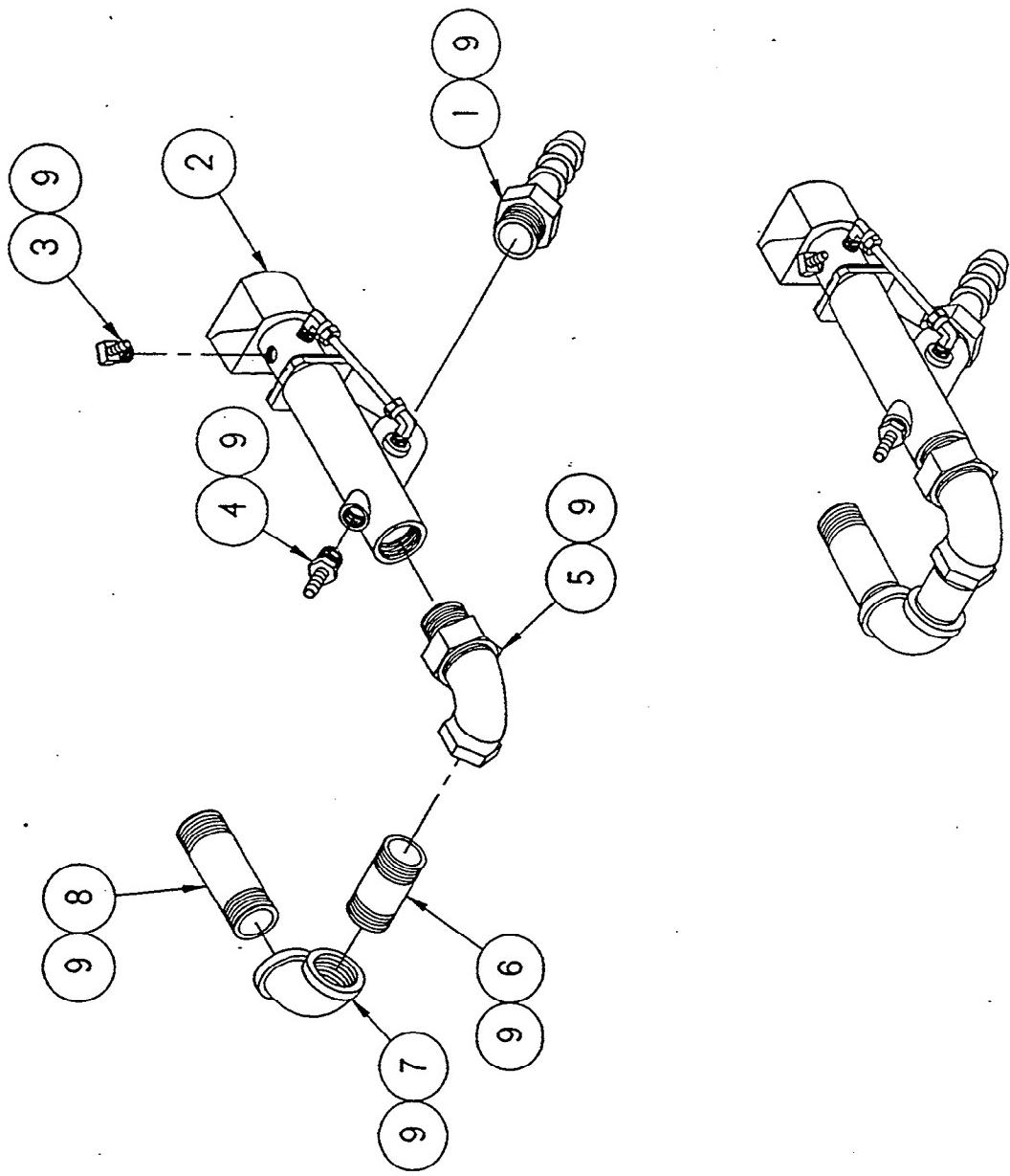
ITEM	QTY.	PART NO.	DESCRIPTION
11	1	00934	SEALANT, REVERSEAL
10	1	06187	FITTING, COMP., 90 DEG., 1/2" X 3/4"PT
9	1	14661	NUT, COMPRESSION, 1/4" TUBE, BRASS
8	1	101207	TRAP, THERMOSTATIC, 1/4" X 1/4"
7	1	06240	FITTING, HOSE MAIR 3/4" HOSE X 3/4" MPT BRASS
6	1	14431	NIPPLE, 3/4" X 2", BRASS
5	3	14942	NIPPLE, 3/4" X CLOSE, BRASS
4	1	18607	PLUG, SQUARE HEAD, 3/4", BRASS
3	4	20208	TEE, 3/4" BRASS
2	2	02563	BUSHING, REDUCING, 3/4" X 1/4", BRASS
1	1	100863	FITTING, COMP., TEE 3/8" X 3/8PT X 3/8PT

TOLERANCES (EXCEPT AS NOTED)	CLEVELAND RANGE INC. 1333 Euclid 179th St., Cleveland, Ohio 44110-2974		
DECIMAL	SCALE	DRAWN BY	APPROVED BY
* N/A	1/2±1	D. DODSON	M.L.T.
ANGULAR			
* N/A			
		TITLE STEAM OUTLET ASSY 12CKEWV/2CKGM	
		REV. BEND GENERATOR	
CK	DATE 2-03-94	DRAWING NO. C - 4281126	REV. -

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REVISI	DATE	BY
A	11-13-91	SU
1	06-16-92	SU
1	06-16-92	SU
C	06-16-92	SU
P/N 06210 WAS 06211. P/N 22211 WAS 22221. ITEM 1 WAS 06211. ITEM 2 WAS 06210. ITEM 3 WAS 06210. ITEM 4 WAS 06210. ITEM 5 WAS 06210. ITEM 6 WAS 06210. ITEM 7 WAS 06210. ITEM 8 WAS 06210. ITEM 9 WAS 06210.		
REVISI	DATE	BY
A	06-16-92	SU
1	06-16-92	SU
C	06-16-92	SU
P/N 06210 WAS 06211. P/N 22211 WAS 22221. ITEM 1 WAS 06211. ITEM 2 WAS 06210. ITEM 3 WAS 06210. ITEM 4 WAS 06210. ITEM 5 WAS 06210. ITEM 6 WAS 06210. ITEM 7 WAS 06210. ITEM 8 WAS 06210. ITEM 9 WAS 06210.		

NOTES:  
 1. ROTATE TOWARDS S.S. NIPPLE ABOUT 45°  
 FOR SMALL GAS PRESSURES (1).  
 (1)

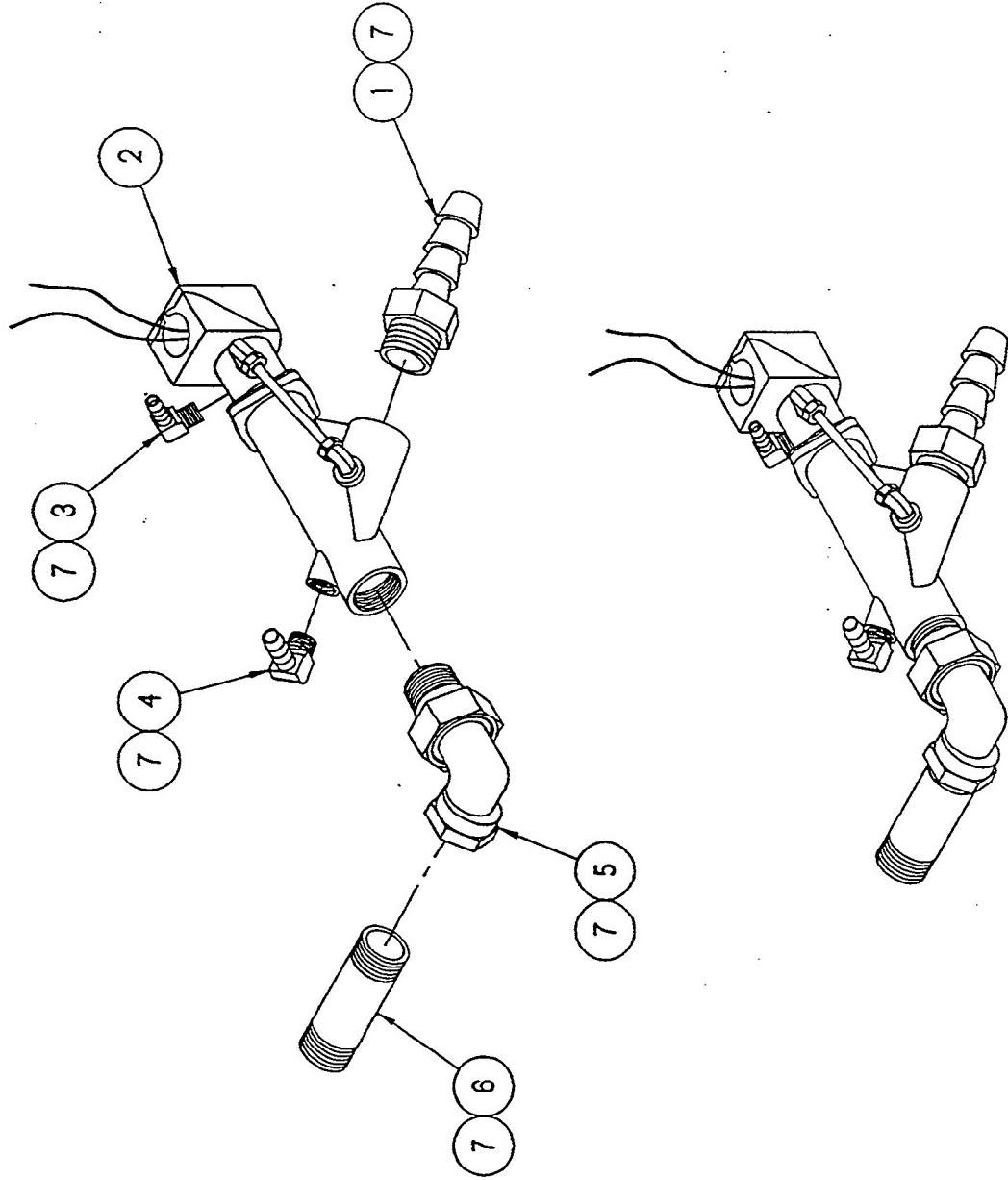


ITEM	QUANTITY	DESCRIPTION
1	1	SEALANT, RECOMMENDED
2	1	NUT, 3/4" NPT X 3/4" S.S.
3	1	ELOK, 3/4" X 3/4", 90°
4	1	NUT, 3/4" X 2", BRASS
5	1	ELOK, ADAPTER, 3/4" X 90°
6	1	FITTING, HOSE, MNB, 1/4" H X 1/4" MFT
7	1	FITTING, HOSE, MNB, 1/4" H X 1/4" MFT
8	1	VALVE, SOLENOID, 1/2", 15 PSI
9	1	FITTING, HOSE, MNB, 3/4" H X 3/4" MFT

ITEM	QUANTITY	DESCRIPTION
1	1	CLEVELAND RANGE INC.
2	1	1330 East 15th St. Cleveland, Ohio 44110-3571
3	1	SCALE: 1/4"
4	1	DECIMAL: 0.0001
5	1	SECTION: DRAWING BY S. MILESKI APPROVED BY D.P.
6	1	NAME: S. MILESKI
7	1	TITLE: PIPING ASSEMBLY, BLOWDOWN 360CM, 360CM, 360CM, 360CM, 360CM, 360CM
8	1	DATE: 11-07-91
9	1	DRAWING NO. C - 408111 REV. C

This design describes a proprietary item  
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NOTE : 1. ROTATE VALVE 45° (AS SHOWN) FOR 36PCEM.



### ASSEMBLED UNIT

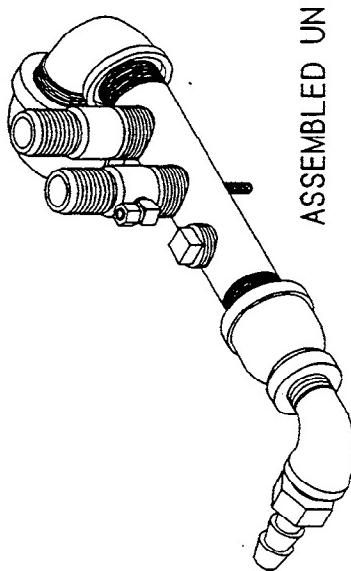
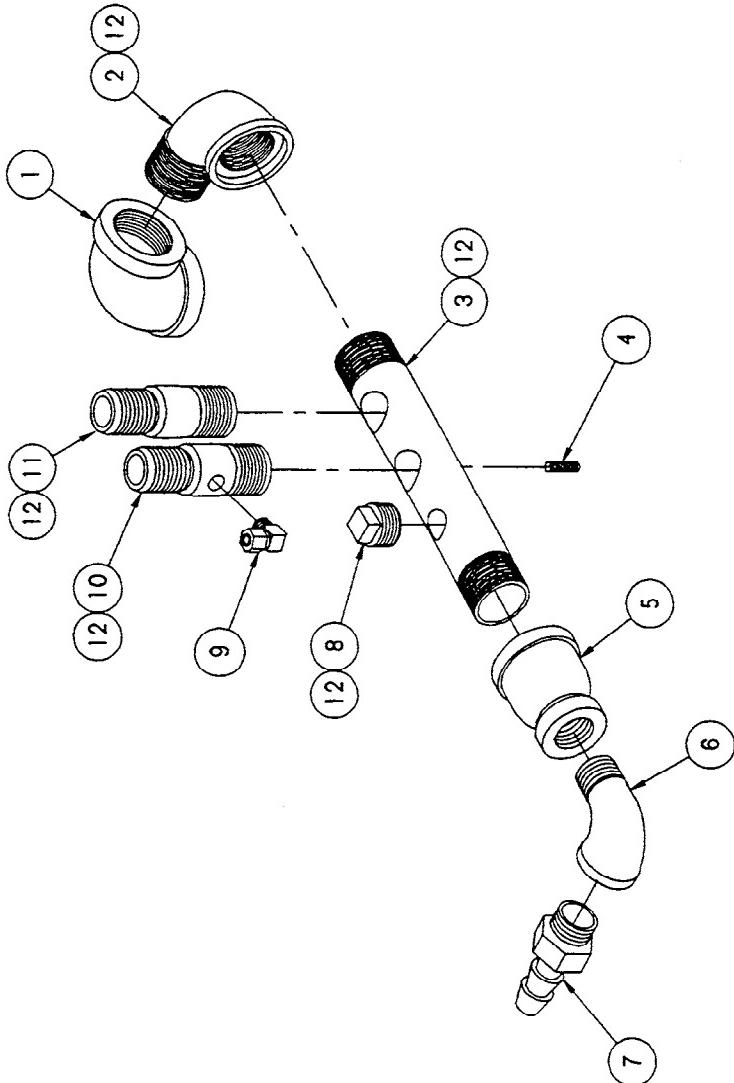
REV.	DATE	BY
-	09-11-91	PJD
-	PRODUCTION RELEASE E.O. NO-2006	
A	11-12-9	PJD
A E.O. IC-2015	00934	
B	08-21-93	PJD
	P/N 08210 WAS 00241, P/N 101381 WAS 08214, P/N 2224 WAS 2221, P/N 14326, 02588, 20208, 03277 & 14900 OMITTED, P/N 105787 & 14995 ADDED PER E.O. IC-2148	

NO.	PART NO.	DESCRIPTION
1	103744	SEALANT, NEOPRENE
2	14935	NIPPLE, 3/4" NPT X 3" LG., S/S
3	05283	ELBOW, UNION RADIATOR
4	105786	FITTING, HOSE BAMB, 1/4" NPT, 90°
5	105787	FITTING, HOSE BAMB, 1/4" NPT X 1/4" NPT, 90°
6	22244	VALVE, SOLENOID, 1/2", 15 PSI
7	08210	FITTING, HOSE BAMB, 3/4" NPT X 3/4" NPT

TOLEANCES	CLEVELAND RANGE INC.	
inches & mm	1333 Euclid 17th St. Cleveland, Ohio 44110-2971	
DEPTH	SCALE	APPROVED BY
± N/A	5/8" - 1"	DRAWN BY DURHAM
ANGULAR	TITLE	
± N/A	PIPING ASSY, BLOWDOWN, 36CEM, 36CEM, 36CEM, 6, 42CEM, 42CEM	
DATE	09-11-91	REV. C-1005121 B

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LET.	REVISIONS	DATE BY
-	PRODUCTION RELEASE E.O. 9C-1984	08-28-91 RJD
A	P/N 1437 A 20205 OMITTED AND P/N 08240 WAS QTY. OF 2 PER E.O. 9C-2448	08-22-93 RJD



ASSEMBLED UNIT

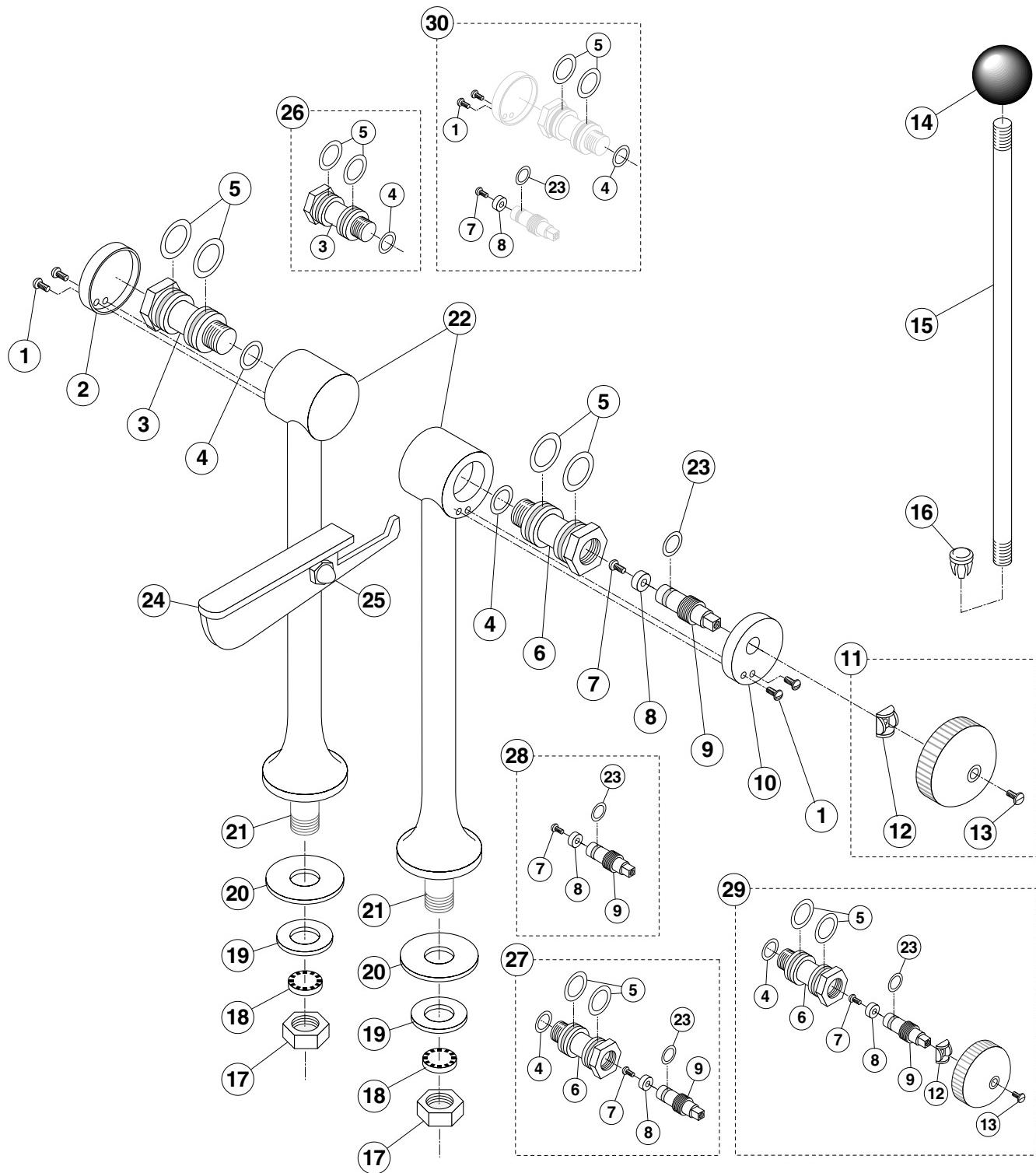
ITEM	QTY.	PART NO.	DESCRIPTION
12	A/R	00934	SEALANT, RECTOSEAL
11	1	14481	FITTING, BARB 1" H X 1" MPT S/S
10	1	565191	FITTING, HOSE, DRAIN MANIFOLD W/ 1/8" HOLE
9	1	68192	FITTING, COMP. 1-1/4 T X 1-1/2 MPT 90°
8	1	18808	PLUG, SQ. HEAD, 3/4" PIPE, BLACK
7	1	08240	FITTING, HOSE BARB 3/4 H X 3/4 MPT
6	1	05259	ELBOW, STREET 3/4 X 90°, BLACK
5	1	03818	COUPLING, RED. 1-1/2" X 3/4", BLACK
4	1	19917	STUD, WELD 1-1/4-20 X 7/8", S/S
3	1	13252	MANIFOLD, DRAIN 1-1/2" NPT, BLACK
2	1	05292	ELBOW, STREET 1-1/2" NPT X 90°, BLACK
1	1	05239	ELBOW, 1-1/2" NPT X 90°, BLACK

ITEM	QTY.	PART NO.	DESCRIPTION
TOLERANCES		CLEVELAND RANGE INC.	
(except 14 mm)		1333 East 179th St., Cleveland, Ohio 44110-2574	
DECIMAL	SCALE	DRAWN BY	APPROVED BY
* N/A	1/2"	P.J.D.	
ANGULAR			
* N/A			
TITLE			
PIPING ASSEMBLY, DRAIN			
38GSM/SM, 38GCM/G, 38GEM, 24GSM, 38GSM			
DATE DRAWING NO.	08-13-91	REV.	A
CK	C -		

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# **SERVICE PARTS**

## **STEAM CONTROL ASSEMBLY**



# **STEAM CONTROL ASSEMBLY**

<b>ITEM NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
1.	FA11056	Binding Head Screw, 6-32 x 1/2" lg.	.4
2.	KE50458	End Cap, condensate return	1
3.	KE50455-1	Trunnion, condensate return	1
4.	FA05002-35	"O" Ring	2
5.	FA05002-37	"O" Ring	4
6.	KE50460-1	Trunnion, steam inlet	1
7.	FA11089	Binding Head Screw, 8-32 x 1/4" lg.	1
8.	KE51713	Washer, steam valve	1
9.	KE50459	Operating Stem	1
10.	KE50457	End Cap, steam inlet	1
11.	SE00028	Steam Control Knob Assembly (c/w Item No. 12, 13 & Knob)	1
12.	KE51888	Retaining Washer	1
13.	FA11092	Binding Head Screw, 8-32 x 1/2" lg.	1
14.	KE50151-E	Knob, threaded (after 07/94)	1
	KE50151	Knob, non threaded (prior to 06/94)	1
15.	KE50886-1	Handle, KDT-1-T	1
	KE50886-2	Handle, KDT-3-T	1
	KE50886-3	Handle, KDT-6-T & KDT-12-T	1
	KE50886-4	Handle, KDT-20-T	1
16.	KE50475	Plug Button	1
17.	KE52697	Lock Nut, 1/2" NPS	2
18.	FA32500	Lockwasher	2
19.	FA30502	Washer, satin coat	2
20.	KE50467	Washer, Foot	2
21.	KE50465	Service Pipe, KDT-1-T & KDT-3-T	2
	KE50462	Service Pipe, KDT-6-T	2
	KE50463	Service Pipe, KDT-12-T	2
	KE50464	Service Pipe, KDT-20-T	2
22.	KE00203	Leg Assembly	2
23.	FA05002-12	"O" Ring	1
24.	KE01115	Marine Lock Latch, KDT-12-T & KDT20-T only	1
25.	KE52632	Crown Nut, KDT-12-T & KDT20-T only	1
26.	SE00096	Steam Outlet Assembly	1
27.	SE00011	Trunnion Assembly, steam inlet	1
28.	SE00029	Operating Stem Assembly, steam inlet	1
29.	SE00030	Steam Inlet Control Assembly	1
30.	SE00112	"O" Ring Replacement Kit	1

Requires Knob -  
 Item No.  
 KE50151-E